Oil Paint and Drug Reporter

VOL. XLIV No. 20 NEW YORK, MONDAY, NOVEMBER 13, 1893 FOR RATES SEE PAGE 7.

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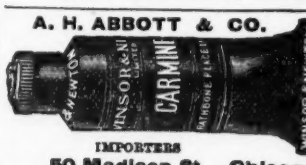

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MONDAY, NOV. 13, 1893.

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WEEKLY REVIEW.

The money market for the past week remains about the same. Money on call ranged for the week from 2 to 1 per cent., the average for the week being a little less than 2 per cent., with renewals at 2 per cent., bank and trust quote 2 per cent., as the minimum; supplies abundant. Time money is in light demand, with supplies abundant. The rates are 3½ per cent., for 30 days, 4 to 4½ per cent. for 6 days to 90 days and 4½@5½ per cent. for longer periods.

Commercial paper is in fair demand. Rates are 4¾@5 per cent. for 60 to 90 days indorsed bills receivable, 5 to 5½ per cent. for 4 months acceptances, and 5½ to 6½ per cent. for good single names having 4 to 6 months to run. Following are the rates of exchange on New York: Savannah buying ⅛ discount, and selling ¼ discount @ par; Charleston buying ⅛ discount, selling par; New Orleans bank, par; commercial, $1 25 @1 50 discount; Chicago, 75c per $1,000 premium; St. Louis, 75c premium. Sterling exchange is firm.

60 days	4 81½@4 82
Sight	4 84 @4 84¼
Cable transers	4 84½@4 84¾
Commercial, long	4 80¾@4 81¼
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Continental range as follows:

Paris—Cable transfers	5 19¾@5 18¾
Bankers' 60 days	5 22½@5 21¾
sight	5 20 @5 19¾
com., 60 days	5 23¾@5 23½
com., sight	5 21¼@5 20¾
Antwerp, com., 60 days	5 25 @5 24¾
Swiss, bankers' 60 days	5 23¾@5 23½
sight	5 20 @5 19¾
Berlin, bankers' 60 days	94¾@94⅝
sight	95¼@95⅛
commercial, long	94 3-16 @94 5-16
Brussels bankers' sight	5 20-1-16@5 19¾-1-16
Amsterdam, bankers' 60 days	39 15-16@40
sight	40¼@40 5-16
com., long	39 11-16 @39 13-16
Kroners 60 days	26 13-16@26⅞
bankers' sight	26 15-16@27
Italian lire, sight	5.75 @5.70
Hong Kong—Bankers' sight	68¾@

THOSE "MANY COMPLAINTS."

Notwithstanding the reiteration of the *Shipping List* of last Saturday in reply to the letter of Mr. Brooks, chairman of the Committee of Arrangements and Entertainment, refuting the wanton charges made and demanding proof of the same, and the overwhelming evidence presented in the columns of the REPORTER last Monday that *not one* of the delegates from New York had made complaint and challenging the *Shipping List* to produce its proof, that sheet has since appeared, but had not one word to say in defense of its course in making the charges, or one word of apology for the insult to the members of the National Wholesale Druggists Association. The conclusion is therefore forced upon every fair minded person that the charges were not only entirely unfounded, but that they originated either in the disordered brain of the writer of the article or that they were instigated by some disgruntled person who sought to vent his spite on those at whom he is offended by insulting the whole association. If the latter is the case then our delectable contemporary has been made to act the part of the cat's paw. But if it has been imposed upon, why withhold the name of its informant or informants? Surely any respectable journal, having the least regard for its reputation, would use every means to set itself right before its readers. We admit we are somewhat mystified and dislike to accept the conviction forced upon us by the course this alleged commercial journal has taken. That it did receive "many complaints" we have proven to be absolutely false by the interviews printed last week. Not one delegate having made complaint, that lie is nailed. If the article was instigated by some one other than a delegate, who therefore did not have a foundation for his charges, and whose only motive could be malice, then the *Shipping List* acknowledges an equally malicious spirit in shielding its informant, the party or parties who imposed on its only too ready credulity. As the matter rests the *Shipping List* stands charged with wantonly insulting the members of the National Wholesale Druggists' Association, with falsely stating its charges were based on "many complaints," and with being in sympathy with its alleged informants in their desire to bring the Association and its members into disrepute.

THE COD LIVER OIL MARKET.

The season for the active distribution of cod liver oil to cover the winter requirements, has progressed far enough to warrant us in saying that, notwithstanding the unusual obstacles which business in general has encountered, the trade in this staple has been fully up to the ordinary volume. Contracts entered into months ago are now in process of execution, and the deliveries to be effected this month will practically close the movement on these agreements. Under normal conditions of the market we should rather expect to see quotations established on a higher basis, but under existing conditions, the steadiness of prices and the apparent indisposition of holders to shade the current figures, implies a high degree of confidence on their part in the prospective market value of cod liver oil. In point of fact, few articles in the drug list can claim so steady a range of values as has been exhibited by this article throughout the present year and this is ascribed to the naturally strong position of the article both here and abroad. The wants of the interior buyers, especially those who usually purchase from hand to mouth, are probably equal to those of former seasons, while the oil distributed on contracts entered into early in the year shows no decrease in volume. As a result of pecuniary distress on this side, orders for oil were not so freely given this year as in the past and, accordingly, the importations have fallen off and the market at present especially for superior grades cannot be said to be over stocked. The light purchases in the primary markets have been liberally drawn against by consumers in this country and it is said that the New York market is now really lower than it should be. The latest sales in Norway are reported at thirteen dollars per barrel, free on board there. This indicates an advance abroad, while here, although quotations are exceedingly firm, no upward movement has yet set in. One of the chief factors in keeping the local prices down is the presence of considerable old and inferior grades of oil, which, being offered at tempting prices, acts as a dead weight on the market. It was hoped that these holdings would be cleaned up before the advent of the fall demand, but it seems to be a very difficult matter to close them out. Meanwhile, high grade oil is in demand, and although concessions may be obtained on inferior goods, dealers are unwilling to accept less than full value for choice qualities of oil. Under these circumstances the trade is rather inclined to believe that higher prices will be seen before the winter season ends.

THE WHALEBONE SITUATION.

The recent arrival of the Alaska at San Francisco, one of the sailing vessels from the Arctic ocean, gives definite news as to the result of the last season's catch in Northern waters. Advices from this source are decidedly unfavorable, the sailing vessels being wholly without important catches, the amount of bone produced from this source showing decidedly curtailed proportions when compared with those represented by the statistics of former years. The steamers that wintered at Herschel Island had extraordinary good luck which led to the belief that the sailing vessels would prove successful in their undertakings. This resulted in the low prices lately accepted by holders for their supplies, but since the unfavorable reports received through the medium of the captain of the lately arrived vessel, prices have shown a tendency to harden and sellers refuse to part with their holdings except at an advanced figure, the advance being equivalent to fifty cents over the prices of last week. The sale of six thousand pounds lately consummated at two dollars represents the last of twenty-five thousand pounds at that price, sales having been effected since on a basis of two dollars and twenty-five cents.

The situation is practically in the hands of the Pacific Whaling Company, they controlling the entire available supply with the exception of some sixty thousand pounds, composed equally of new and old bone, which represents the eastern or New Bedford interest. As the amount produced and available aggregates three hundred and fifty thousand pounds, the holdings of this company is readily computed. That they are in a position to thoroughly control the market is conceded and any point of vantage they consider necessary to the furtherance of their interests will undoubtedly be secured.

The three hundred and fifty thousand pounds spoken of above does not represent the entire production of the season, one hundred and fifty thousand pounds being still held by steamers that will winter at the Herschel Islands, and although the amount available is not an average season's catch yet in the present state of limited requirements and curtailed production of articles for which whalebone is used, there is no doubt than there will be more than sufficient for consumption requirements.

FUTURE OF PIG LEAD.

Throughout the prolonged discussion of the silver question, during the recent extra session of Congress, the varying fortunes of the repeal measure were eagerly watched by those interested in the pig lead business, as the abrogation of the silver purchasing clause was deemed the forerunner of a material decrease in the production of lead ore. This view was generally entertained and freely expressed, and now that the vexatious law has been abolished and the government prohibited from making further purchases of silver bullion, it is opportune to review the position of pig lead in the light of the new features imposed by the late enactment. Since the repeal bill went into effect the market conditions have shown no improvement. In fact, instead of the reaction which was generally expected to follow the annulment of the former law, prices for pig lead remain depressed, and so far as surface indication show, there are no signs of an early revival of interest in the article. The causes of the prevailing dullness of trade and depreciated values date back to and are founded upon the financial disturbances which arose early in the present year. The current requirements for consumption, are of course, extremely light, as the corroders and other large buyers are fully supplied, while in a speculative way there is an utter absence of activity at the moment. Consequently, the favorable results which were anticipated in connection with the passage of the repeal bill, have, as yet, had no opportunity to manifest themselves, and the stagnation that is now being felt in the market is disappointing to not a few. Regarding the effect that the new legislation will have upon the output of argentiferous ore, it is still the belief of many in the trade that a decreased production will be one of the inevitable consequences. Nevertheless, there is no good reason to suppose that the expected curtailment of production will approach anything resembling a prostration of the mining industry. One of the first effects of the financial panic was the cessation of operations in a large majority of the Western mines, and since then some of the smelters have been working up their accumulated stocks of ore. These have proved abundant enough to more than meet every requirement of the pig lead market and so far as recent information extends, there is no probability that these supplies of ore will soon become exhausted. It has heretofore been claimed that the holdings of pig lead were limited in all the markets, but some authorities are disposed now to challenge this statement, basing their opinion upon the facility with which buyers have been able to secure supplies and the favorable prices named on all late transactions. Advices from Colorado indicate that the mining industry is slowly recovering from the blow inflicted by the monetary crisis, and that about forty per cent. of the total number of furnaces in the State have resumed the smelting of silver ore. These smelters have lately been in the market for ore and found the supply satisfactory. It is reported that some of the Western mines are so well developed and managed that even at the present low price of silver bullion they can con-

tinue in operation at a fair margin of profit. The price of silver is now developing an upward tendency and this will encourage the miners in their desire to work their plants, and under these circumstances the prospects for a continued large output of pig lead would seem to be well founded. An obstacle to the prosperity of the mining industry is found in the demands made by the wage earners for what the employers consider extreme rates of compensation, but this problem is said to be in course of satisfactory adjustment and the proprietors of the mines will soon be in a position to proceed without interruption. It is believed, however, that until a revival occurs in the lead trade, it will be difficult for most of the mines to market their ore profitably, with the price of pig lead ranging as it now does. The ratio between present values of the metal and former quotations, when the market price was above four cents per pound, represents an estimated difference of from eight to twelve dollars per ton in the value of silver ore, and to offset the existing depression in lead, the advance in silver ore would necessarily have to be quite pronounced. To this feature the advocates of higher prices for pig lead are looking for comfort, as without a rise in the value of silver, the principal incentive to a large production of that ore and the resulting output of lead would be lacking. The immediate outlook for pig lead scarcely justifies the expectation that any momentous developments can be looked for. Until the corroders and other important consumers enter the market again as active buyers, there will probably be no stimulating factors in the situation, unless meanwhile the spirit of speculation should infuse new life into the market. During the year the monthly ranges of prices at New York have been as follows: January, $3.75@3.90; February, $3.85@4; March, $3.80@4.10; April, $4@4 20; May, $3.80@4; June, $3.50@3.70; July, $3 40@3 60; August, $3.20@3.55; September, $3.75@3.92½ and October, $3.30@3.70.

IMPORTS AND EXPORTS FOR NINE CALENDAR MONTHS.

The Bureau of Statistics at Washington has just issued a tabular statement giving the imports and exports for the nine calendar months of 1893; also those of 1892, in order that a comparison may be made between the two periods. The majority of the articles enumerated under this heading are without important difference, and as the entire table is to be found on another page of this issue, we shall deal only with those articles that display a great disparity either as an increase or decrease in imports and exports.

Among the imports of merchandise mentioned argols, or crude tartar, is noticeable for an increase over the corresponding period of 1892 of 1,000,000 pounds. Cinchona, or other bark from which quinine may be manufactured, shows a decrease during the nine months of 1893, the actual figures as presented being 1,917,586 pounds for 1893, and 2,612,114 pounds for 1892, a decrease of the former year from the latter of 794,528 pounds. In the imports of gum arabic we find a notable increase, there having been 813,157 pounds imported during the nine months of 1893 as against 340,032 pounds for the corresponding period of 1892. The imports of cutch and gambier show an increase of 5,000,000 pounds this year over last, which is attributed by importers to the larger demand consequent upon the ever developing interests in which these articles are consumed. Licorice root manifests stronger tendencies as the following figures show: 1893, 76,562,548 pounds, 1892, 61,564,884 pounds, a gain of the former over the latter of about 15,000,000 pounds. Chloride of lime shows an excess of 3,000,000 pounds this year over last. Potashes of all kinds have been more largely imported, every instance as given by the figures denoting an increase during the nine months of 1893 over those of 1892. Quinine shows a decrease during the last nine months as compared with the corresponding period of 1892, which is evidenced by the following figures: During the first nine months of 1893 there was imported 2,395,314 ounces, while in 1892, 2,671,640 ounces were delivered for consumption. Soda nitrate shows an excess of about 6,500 pounds. Glycerine is computed as being over 1,000,000 pounds in excess. The imports of ground sumac, due to the greater demand, evidences a gain of over 2,000,000 pounds, the figures as given are, 1893, 10,019,380 pounds, 1892, 7,938,523 pounds.

The exports of ashes, pot and pearl, show a marked decrease, those for 1892 being double those for the nine months of 1893. In like manner alcohol is also conspicuous, only 125,636 gallons having been exported during the period of 1893 as against 1,090,304 gallons for the corresponding period of 1892. The situation has been reviewed weekly in our market reports and hence does not need amplification here. The exports of fish oils exhibit a contracted volume, the season of 1892-93 being exceptionally unproductive, requiring additions from continental sources to meet consumptive requirements among local consumers. Paraffine wax, as defined by the United States statistician, gives additional proof of the heavy requirements of this article for foreign manufacture. The figures given show that in the nine months of 1893, 61,295,205 pounds were exported as against 41,214,385 pounds during the same period of 1892, a decided increase of 20,080,820 pounds.

DECLINE IN PRUSSIATE POTASH.

There has been a decline in the price of prussiate of potash, both for the Scotch and German makes, and values are now one cent lower than they were a week ago. The cause assigned by agents for this reduction is that the season for the renewal of contracts is close at hand and a new schedule of prices, with the values modified to a basis where contracts may be made anticipatory even of a continuance of the present dullness, has been deemed advisable.

It is intimated, however, that the real causes for this reduction are the dullness of business and excessive cutting, certain dealers who had contracted heavily being confronted with the necessity of converting their holdings into cash and therefore offering them at a reduced figure, thus ridding themselves of surplus stocks to the detriment of associated interests. Manufacturers, realizing that the pernicious effects of underselling were likely to affect them seriously, reduced their prices so as to meet the decline, thus to an extent thwarting the designs of the cutters and making public prices that had been granted privately for some time past.

The west coast of Africa produces on almost incalculable crop of peanuts to supply the European demand, Marseilles alone importing in one year over 10,000,000 bushels for use in the manufacture of chocolate, while millions of bushels are yearly carried to London, Hamburg, Berlin and other places for oil. Very large quantities are grown in India for home use. Brazil, which is the true botanical home of the plant, does little more than supply her own market.

TRADE ITEMS.

Quitting advertising in dull times is like tearing out a dam because the water is low.

The Galena Spelter Company, of Galena, Kan., has changed hands, Morrow & Sherwood being the new proprietors.

Dr. J. H. Zeillin, of Philadelphia, passed through the city last week on his return from California where he has been for several months.

The Elwood Window Glass Company, of Elwood, Ind., was destroyed by fire on the 4th, incurring a loss on the company of about $50,000.

M. L. Russell, J. S. Evans, R. P. Spence, J. C. J. Williams, E. W. White and B. B. Campbell have incorporated the California Rubber Cement Co. at Knoxville, Tenn.

The meeting of the Southern Association of Wholesale Druggists at Memphis, has been postponed until January or February next. The date of the meeting will be announced later.

Special attention is called to the announcement of public sale of the extensive chemical works at Butler, Pa., which takes place in the Chamber of Commerce, Pittsburgh, Pa., on Nov. 23d. See advertisement in another column.

At a meeting of the striking window glass workers in Pittsburgh last week a motion was unanimously adopted instructing a committee to inquire into the possibility of securing factories for the purpose of operating them and making glass for the open market.

The proceedings of the fifteenth annual meeting of the New York State Pharmaceutical Association, held at Lakewood last June, have been printed in book form, making 136 pages. An accurate likeness of the late P. W. Bedford embellishes the volume.

Last Wednesday there were posted on the Produce Exchange the names of fifty-nine members who were suspended from all privileges because of non-payment of dues. There are also forty-one members posted for non-payment of the gratuity assessments.

"There is nothing so successful as success." This is exemplified in the award made by the Board of Judges of Group 83, in the Department of Transportation at the World's Fair, to *The Hub*. This is the only award made to an American carriage journal and it is one fully merited.

The eggs of the Algerian locust have been found to yield a thick oil resembling honey in appearance. It burns well, and makes good soap with alkali. As large quantities of these eggs are collected by the natives in order to destroy them, it is proposed to extract the oil for industrial purposes.

The Empire Glass Company, of Ithaca, N. Y., has been incorporated to manufacture window glass. Capital, $12,000. Directors, William Carman, Adam Fredericks, Japhas George, William F. George, Edwin Gillette, James Hutchinson, Stephen Hutchinson, Sr., Edward S. Slack and Charles H. White.

The glass plant of the Chambers Glass Company, at Kensington, was in operation last week for the first time this season. All of the 900 employes were on hand. The prospects are good for a steady run. This week the H. Sellers McKee window glass factory, at Jeannette, will resume operations, giving employment to 1,200 men.

A very rich deposit of phosphate covering many acres has been discovered on sink branch, two miles east of Fort Meade, Fla. Several samples of phosphate taken from these beds have been examined and reported upon by eminent authorities with very satisfactory results. As analyzed the samples show 63 per cent. bone phosphate of lime.

The stock and fixtures of the drug firm of Potter & King, formerly Kenyon, Potter & Co., Syracuse, N. Y., were sold last week by the sheriff. They were purchased by Charles H. Snow & Co., and Charles Hubbard, Sons & Co. The inventory was about $40,000 and the amount realized $25,000. This removed the discordant element in the Syracuse drug trade, there being now left two sound concerns who have long been annoyed by the peculiar methods of the defunct concern.

The peanut contains from 42 to 50 per cent. of oil, which is easily obtained by cold or warm compression. The first method yields a superior oil, which none but an expert can detect from the true olive oil, and it may be used for the same purposes, both on the table and in the pharmacy. In the latter method the beans are but slightly heated before being submitted to pressure, and the yield is much greater; but the color is darker and the odor more pronounced and less agreeable. The second quality of Archis oil, as it is known, is used for fine soaps, cerates and ointments.

The whaling bark Alaska arrived at San Francisco from the Arctic Ocean on the 3d inst., with a report of the catch of the whaling fleet up to Oct. 9. Of fifty-three vessels, eighteen were clean at that date. Of the others a number made very large catches, principally by steam whalers. Report by the Alaska shows that never in the history of the world has the present catch been equaled. The total catch was 361 bowheads and 8 whales. Twelve ships belonging to seven owners took 288 whales, while twenty-two ships of six others took only 73. At present no price is quoted for the bone, but even taking it at the low figures of $2 per pound the above catch would represent over $1,000,000. Capt. Green of the Alaska reports an open sea and very little ice.

The committee on aeronautics, appointed some time since by the Massachusetts Charitable Mechanic Association, decided at a recent meeting that from the information which it has been able to collect, it does not yet seem advisable to hold an exhibition of flying machines, such as was suggested and contemplated. Since it is true that but a portion of those actively interested in the matter of air navigation have thus far replied to the notices of the committee, it was voted to aquaint the public, through the daily press and the scientific periodicals, with the desire of the association to collect information about methods and machines. Should this result in such increase in information as to justify the committee in so doing, it will suggest to the association the desirability of a public exhibition with premiums, or some methods of aiding investigators who have invented meritorious devices. The committee consists of Henry D. Dupee, of Walpole, Mass., and Samuel Cabot and John Ritchie, jr., of Boston, to any one of whom information may be sent.

PETROLEUM NOTES.

In this issue see advertisement of The Crystal Oil Co., Buffalo, N. Y., refiners and manufacturers of high grade illuminating oils and all grades of gasoline. Their works extend over nine acres of ground in the eastern suburbs of the city, with large tanks, pipe lines and improved machinery of every description, and railroad tracks running through their grounds, enabling them to ship direct from their works.

The Anglo-American Oil Company (limited) has just had launched at Port Glasgow, Scotland, the steamer Lackawanna, built for carrying petroleum oil in bulk. The vessel has been specially designed, being divided by strong thwartship bulkheads into ten oil tight compartments, which are again sub divided by a longitudinal bulkhead in the middle line of the vessel. The dimensions of the Lackawanna are as follows: Length, 345 feet; breadth, 44 feet; depth moulded to spar deck, 31·6 feet; gross tonnage about 4,000 tons, and classed 100 A1 in Lloyd's registry. The machinery consists of a set of triple expansion single screw engines.

Time was when there were more petroleum barrels in Europe than anybody knew what to do with, but famine has followed in the wake of plenty. It came about like this: America was wont to export her petroleum in barrels, and the trade being a colossal one, "empties" accumulated in the consuming countries. European oil companies used them, and so did many other traders in need of thoroughly sound casks; yet, so far did the supply outstrip the demand, that they remained a glut in the market—in which circumstances, of course home production was an impossibility. It happened a year or two back that the Americans saw their way to effect an economy. They now send their oil across the seas in tank ships, with the result that the price of petroleum barrels has become the despair of those who need them.—*Kuhlow's.*

MISCELLANEOUS.

Excursion to the Paint, Oil and Varnish Meeting in Pittsburgh.

The proposed excursion via the Pennsylvania Railroad for the eastern delegates and members with their families and friends to Pittsburgh to attend the annual meeting of the National Paint, Oil and Varnish Association, which will be held in that city, Nov. 21st to 23d, 1893, is meeting with general approval and a number of names have been sent in. Sleeping car arrangements have been made for the party. Parties from New England, New York, Philadelphia, etc., (the sleeping berth from the latter place is only $7 00) who are going should remit $2 50 for each person direct to the undersigned and state what accommodations they desire. Reduced rates can be had, provided a reasonable attendance is assured. A special dining and sleeping car would be provided, which would be attached to the train, leaving here Sunday, Nov. 19, at 6:30 P.M., stopping in Philadelphia for additional delegates at about 9 P.M., and arriving in Pittsburgh early the next morning. There will be an important executive meeting Monday afternoon, but the regular sessions do not begin until Tuesday morning. Round trip tickets, good to return on any train within a reasonable time can be had; Those who wish to travel by daylight or start a day or two earlier or later could get the benefit of this reduced rate if arranged in advance. Delegates, members and their families and friends from New England, Philadelphia, Baltimore, and other eastern points are cordially invited to join the excursion. Additional particulars can be had by addressing Wm. O. Allison, 72 William street, New York city.

Delegates to the N. P., O. and V. Association.

The following gentlemen have been selected to attend as delegates to the National Paint, Oil and Varnish Association which convenes at Pittsburgh on the 21st of November. The names of other delegates will be announced on being advised of same:

Detroit Paint, Oil and Varnish Club.—John Schroder, Wm. Boydell.

Paint and Oil Club of New England.—Albion T. Brownell, F. H. Newton, I. H. Wiley. Alternate, A. E. Carr.

Paint, Oil and Varnish Club of New York.—J. A. Elmendoff, G. W. Fortmeyer, Gen. E. L. Molineux. Alternates, Messrs. Pyatt, Lucas and Major Garner.

Cleveland Paint, Oil and Varnish Club.—Thomas F. Manning. Alternate, E. F. Van Zandt.

St. Louis Paint, Oil and Drug Club.—Walker Evans, J. A. Reardon. Alternates, M. W. Mellon, John S. Klein.

Cincinnati Paint Club.—T. J. Peale, S. M. Bassett. Alternates, John Kolbe, A. O. Goshorn.

Exports of Cottonseed Oil.

The following shows the amount in gallons of cottonseed oil exported during the month of September as reported to us by the Bureau of Statistics at washington:

Baltimore	16,060
Boston	999
Corpus Christi	5
Detroit	13,086
Galveston	10,000
Huron	24,172
New Orleans	288,286
New York	688,114
Pas del North	19,841
Saluria	51,383
Total, galls	1,110,944

Those Base Slanders.

Following will be found additional evidence that the slanderous statements made by the *Shipping and Commercial List* were wanton fabrications without foundation:

CINCINNATI, Nov. 2, 1893.

Editor OIL, PAINT & DRUG REPORTER:

It affords me much pleasure to say I have not complained of the "conduct of certain firms of Detroit" during the recent meeting of the N. W. D. A., but on the contrary feel under many obligations to said firms for their princely liberality and entertainment which has not been surpassed in my experience of many years attending these conventions.

While the sentiment of jobbers seems to be opposed to merchants of the cities visited, being taxed to entertain them, there can be no plausible objection to manufacturers of specialties doing whatever may seem to them proper to show their patrons, their appreciation of their business.

C. P. CALVERT.

CHICAGO, Nov. 2, 1893.

Editor OIL, PAINT AND DRUG REPORTER:

I am in receipt of your letter of the 31st ult., with printed slip from *Commercial and Shipping List*, Oct. 25, 1893. In reply would say that I did attend the late meeting of the National Wholesale Druggists Association at Detroit, but I was not among those who made complaint to the *Shipping List*. I was not aware that I or any other party, had cause for complaint, and your letter is the first and only information that I have heard of the matter.

THOMAS LORD.

ST. LOUIS, Nov. 2 1893.

Editor OIL, PAINT AND DRUG REPORTER:

The item appearing in the trade paper relating to the conduct of certain firms at the meeting of the N. W. D. A., is as absurd as it is amusing.

I have heard nothing but the warmest praise of the treatment accorded the members present at the Detroit meeting. The objectionable features mentioned did not materalize and it is the opinion of the writer that no firm represented in the local Entertainment Committee at Detroit, would stoop to the questionable methods charged against them.

I am confident that a vote of the members present would result in branding the statements made, as false in every particular.

JOHN S. MOFFITT.

DUBUQUE, IOWA, Nov. 2, 1893.

Editor OIL, PAINT AND DRUG REPORTER:

Answering your inquiry, if I am among those who made complaints in regard to the conduct of certain firms at Detroit in trying to monopolize the N. W. D. A., meeting and govern it in their own interest? I am not. I was not conscious of any such attempt on the part of any firm or any individual while I was at Detroit. The good people of Detroit simply overwhelmed us with their kindness, their attentions, their hospitality. The convention could not be held in any city where the courtesy and hospitality of its citizens could be more delicately and unobtrusively extended than they were at Detroit.

W. H. TORBERT.

ATCHISON, Kan., Nov. 2, 1892.

Editor OIL, PAINT & DRUG REPORTER:

Responding to your favor of the 31st ult, asking my views on an editorial from *Shipping List* of 25th ult, headed "Controlling a Trade Convention," I can only say I regret the publication of the article, because it seems to me to be a reflection on the business firms of Detroit, not at all warranted by the facts. I have attended the meetings of our association for many years, and in most of the large cities of the country, and in my judgment we have never had a meeting where all the arrangements for the comfort and entertainment of the members were in better taste, or more free from objectionable features, than the one held at Detroit. At least if any such objectionable features existed, they did not come to my notice. Under all the circumstances, I consider the publication of the article in question, as well as others like it which have recently appeared in print, and which doubtless emanate from the same business quarrel, to be prejudicial to the interests of the association and in very bad taste.

J. C. FOX.

BUFFALO, N. Y., Nov. 3, 1893.

Editor OIL, PAINT AND DRUG REPORTER:

I have before me yours of Oct 31st. In reply thereto I beg to state that I attended the Detroit convention, as you know. I, however, was unable to be present at the business session to any great extent, on account of my work connected with the Entertainment Committee. I have seen the articles you mention, contained in the *Shipping List* of Oct. 25th, and I think the same not only uncalled for, but entirely unjust. I cannot now recall a firm, or member of any firm, who in my judgment tried to monopolize, so to speak, the convention. I, myself, did not hear a New York party speak in any way but of the highest terms of the meeting.

F. S. HUBBARD.

UTICA, N. Y., Nov. 3, 1893.

Editor OIL, PAINT AND DRUG REPORTER:

I am in receipt of your favor enclosing copy of an editorial from the *Shipping List* of Oct. 25. I am indeed surprised at the tone of the editorial and consider it a very unjust and uncalled for criticism of one of the most successful meetings the N. W. D. A. have ever held. I cannot call to mind one instance in which any firm or person endeavored to govern the meeting in their particular interest, and I have yet to learn of any delegate from New York or elsewhere who was disgusted with what the editorial is pleased to term "the conspicuous assurance of the offending parties." If the royal hospitality of a leading manufacturing concern, who, during the time of the convention kept their latch string on the outside for all comers, can be called, 'conspicuous assurance', then Heaven send us more of it; it is such assurance that helps make life easier. As we'll say our genial friend Brent Good in his endeavor to interest the delegates in the beauties of the art gallery of the Cadillac or the study of the stars from the bow of the promise was trying to capture them in the interest of C. L. L. P. As one of the New York delegates, I have nothing but words of praise for the gentlemen who devoted so much of their valuable time to make the New York excursion so great a success and who so ably looked after the comfort of the party. I believe with Mr. A. S. Brooks, that it will be hard to find a single wholesale druggist who was in attendance at Detroit who will endorse the statements made by the *Shipping List*,

A. H. WILLIAMS.

PORTLAND, Me., Nov. 3, 1993.

Editor OIL, PAINT AND DRUG REPORTER:

I am happy to say that I am not one of the "many" who have made complaints to the *Shipping List*, and but for the "List" and "Era," would never have known that the convention was monopolized by anyone for advertising purposes.

CHAS. COOK.

PEORIA, Ill., Nov. 3, 1893.

Editor OIL, PAINT AND DRUG REPORTER:

The *Shipping List* of October 25, 1893, contains an editorial of the Detroit meeting of the N. W. D. A. which reflects very unjustly on the members in attendance as well as on the Detroit merchants, all of whom did their best to entertain the visitors and make their stay as pleasant as possible. I did not see that any firm or firms monopolized or tried to monopolize the convention for personal benefit. The meetings of the convention were unusually well attended and it was a business meeting in the fullest sense of the word. The program was made out by the committee in charge a long time ago and could not have been influenced by any person or firm.

P. J. SINGER.

DENVER, Col., Nov. 4, 1893.

Editor OIL, PAINT AND DRUG REPORTER:

Referring to your favor of 31st ult., inclosing a reprint from the *Shipping List* of Oct. 25th, the writer begs to state that during his sojourn in Detroit there was absolutely nothing that came under his attention which would warrant the statement as made in this reprint. We regard it as very unfortunate that a controversy of this kind should spring up after closing so very enjoyable a meeting as the Detroit meeting.

W. A. HOVER.

OMAHA, Neb., Nov. 4, 1893.

Editor OIL, PAINT AND DRUG REPORTER:

I am very much surprised indeed at the subject matter of an editorial which appeared in the *Shipping List*, Oct. 25th, under the title of "Controlling a Trade Convention." Being a member of the National Wholesale Druggists' Association, and taking a great interest in its welfare, I naturally feel indignant when such open and unblushing insults are hurled at the association simply for the purpose, as we believe, of throwing a little mud at one of the most prominent and successful manufacturing concerns in the United States. I am also very much surprised to note that some of the business men in Detroit seem to be actuated by such selfish motives. To put the matter plainly, the only trouble is that some of our smaller manufacturing concerns were afraid that the above mentioned establishment would derive some benefit indirectly from the meeting being held in Detroit. The late meeting of the N. W. D. A. in Detroit was a successful one in every way, and the entertaining committee simply did their work in the most perfect manner. No member of the association had any cause to complain; the allied interests of Detroit seemed to vie with each other in looking after the comfort and pleasure of the visitors. It would take a violent stretch of the imagination and utter disregard of the truth for any one to state that one particular house tried to monopolize the convention and govern it in their own interests. It is about time, in our judgment, that these little petty jealousies were done away with. We believe that the leading pharmaceutical houses of the country are above any such nonsense; we also believe that the members of the N. W. D. A. are business men and gentlemen, and are not to be corraled in the intereste of any manufacturing concern, and the insinuations that are made in certain journals are simply unworthy of notice.

C. F. WELLER.

DETROIT, Mich., Nov. 6, 1893.

Editor OIL, PAINT AND DRUG REPORTER:

I have just looked over your editorial in your issue of even date, and wish to congratulate you on its strength. It certainly goes to the root of the matter, and in a most effective manner. I think that the *Commercial and Shipping List* is knocked out in the first round.

ALANSON S. BROOKS.

TOLEDO, O., Nov. 7, 1893.

Editor, OIL PAINT AND DRUG REPORTER:

I was present at the meeting of the N. W. D. A. at Detroit from the beginning to the close, and wish to say that there was no attempt made to influence or control the convention by any firms or persons as was reported in *Shipping and Commercial List*, which publication, I believe, was unwise as facts will not warrant the statement.

H. E. MARVIN.

COLUMBUS, O., Nov. 7, 1893.

Editor OIL, PAINT & DRUG REPORTER:

I was very much surprised to read in the *Shipping List* recently of any dissatisfaction on the part of any one in attendance at the recent convention in Detroit. No presiding officer, entertainment committee or city could have treated the members with more consideration or have provided a more complete or delightful entertainment than was offered at the recent meeting. The President was unusually prompt in recognizing the speakers. The Entertainment Committee are entitled to the congratulations of every member for their tireless attention to their every want, expressed or unexpressed. It is to be regretted that any paper or individual could be prevailed upon to reflect upon our hosts, our President, our committee or our convention in such a manner.

GEO. W. LATTIMER,
The Kauffman Lattimer Co.

LOUISVILLE, KY, Nov. 7, 1893.

Editor OIL, PAINT AND DRUG REPORTER:

Yours of 31st was received during my absence or it would have had more prompt attention. I certainly made no complaint to anybody of anything that occurred in Detroit, as I never attended a meeting that was more enjoyable. I did not see anything but a united effort on the part of everybody and that added to the pleasure and comfort of our visit. Each spoke kindly of the other and as far as I could see there was perfect unity to make everything agreeable.

M. C. PETER.

The Advance in the Price of Cottonseed.

One of the most interesting facts connected with the marketing of the present cotton crop is the rapid advance in the value of cottonseed. When the season opened, two months ago, cottonseed was worth $11 per short ton, and since that time the price has advanced steadily, until today it is $16 per ton. This improvement represents a substantial gain to the Southern planter and also indicates either an unusually heavy demand for cottonseed or an uncommonly short prospective supply. Which, we are not prepared to decide.

Should the value of cottonseed remain high all season, which now appears to be probable enough, the profits arising from the sale of seed will be a welcome addition to the results of the season's yield. In this connection it would be well to remember that the price of picking the crop has been very much reduced this year, and this saving, added to the enhanced price of seed, has greatly increased the profits of the producers, some authorities claiming that from these two causes full two cents per pound has been added to the price of cotton compared with the price ruling during the big crop year two seasons ago.

It must also be remembered that the present cotton crop has been raised much more cheaply than usual, a fact which plays no unimportant part in the general results of the season, as the crop comes to market with a smaller load of debt to liquidate than usual. All these facts place the cotton producers in a more enviable position than they have enjoyed for some seasons past.

When it is remembered that it but a comparatively short time since

cottonseed had no market value at all, the present price of $16 per ton proves what a tremendous advance has been made toward utilizing all the products of the cotton plants and what a considerable portion of his proper profits the producer formerly lost.—*N. O. Picayune.*

The Determination of Sulphur in Pyrites.

The differences in results of determinations in copper and iron pyrites have long been a source of annoyance in the chemical trade. The bromine method was investigated twenty years ago by Mr. Herreshoff, now vice-president of the Nichols Chemical Company. Mr. Herreshoff introduced the process into the laboratory of the company many years ago and since that time it has always been used, giving very satisfactory results. Mr. W. C. Ferguson, chief chemist of the Nichols Chemical Company, has furnished us with the following description of the process, and comparison with the fusion method, which is most generally used, and in the hope that it may be of some value to our friends we publish the following article:

The methods in use for determining the sulphur in pyrites depend on first oxidizing the sulphur to sulphuric acid, which is precipitated by barium chloride and weighed as barium sulphate. One of the difficulties encountered is in the complete oxidation of the sulphur, the first step in the operation. The following methods of decomposition are used.

1. Potassium chlorate with hydrochloric acid.
2. Potassium chlorate with hydro chloric acid and nitric acid.
3. Strong and fuming nitric acid with hydrochloric acid.
4. Bromine, used as described below.
5. Fusion with mixed carbonates and nitrates of soda and potash.

The bromine and fusion methods are much more effective than the others, doing the work of oxidation invariably completely if properly carried out; therefore, only these two latter processes are compared. It must be borne in mind, however, that with the first named methods equally correct results would be obtained if the sulphur were completely oxidized. It is the difficulty attending this step that makes the process objectionable.

SULPHUR IN PYRITES—BROMINE METHOD.

Carefully mix and quarter sample down to enough for analysis. Dry and grind to an impalpable powder. Keep in well corked tube. Run all analysis in duplicate.

Weigh out one gram, introduce into a No. 6 lipped beaker, cover with watch glass and add 20 c.c. bromine solution, mix by rotating beaker and let stand ten minutes in the cold. Add 10 c.c. nitric acid, mix as before and let stand ten minutes longer in cold. Finally place beaker on steam bath and when solution becomes quiet remove clock glass after rinsing and evaporate to dryness. Add 10 c.c. hydrochloric acid, immediately cover beaker with clock glass and when violent action ceases again remove clock glass after rinsing and evaporate to dryness once more. Finally take up with a solution 20 c.c. hydrochloric acid in 100 c.c. hot water, let stand ten minutes, filter through a 10 c.m. paper and wash thoroughly three times. Scrape residue from paper and ignite on platinum foil. If any sulphur present a fresh portion of sample must be weighed out. If operation be carried out as above the sulphur will be completely oxidized.

Heat filtrate on steam bath and add barium chloride solution from a burette, drop by drop, stirring briskly. Add 35 c.c. and let solution stand one hour on steam bath, filter through 10 c.m. paper and wash three times with hot water. Ignite and weigh barium sulphate. After calculating per cent. sulphur add 0·2 to result. For example, if calculation equals 29·80 per cent. report 30 per cent.

Pyrites stand in cold with bromine and nitric acids because heat immediately applied would tend to expel bromine before its work had been completed. Hhdrochloric acid is added to expel the nitric, nitrates being carried down by barium sulphate, thus giving high results.

It is necessary to evaporate to dryness to dehydrate the silica that might otherwise contaminate barium sulphate.

The barium sulphate if precipitated slowly because under such conditions in a hot solution experiment has proved that the precipitate separates in purer form. If precipitated by adding barium chloride in a stream the precipitated sulphur encloses salts while forming, giving high results. The 20 c.c. hydrocbloric acid is added to keep the iron in solution, but it dissolves a certain amount of barium sulphate. The 0·2 is added to correct this; distilled water and strictly c. p. chemicals must be used.

To prepare barium chloride solution dissolve one part of the salt in 10 parts of water.

DIRECTIONS FOR MAKING BROMINE SOLUTION.

Take about 75 grams potassium bromide add 50 c.c. water and when nearly dissolved 50 c c. bromine. Stir a few minutes and when nearly dissolved introduce into glass stoppered bottle of 500 c.c., add a little more water, shake gently and carefully a few minutes, finally nearly fill bottle with water and shake again. After a few minutes most all the bromine will be dissolved.

All the above must be done under the hood and every precaution taken to avoid spilling bromine as it is extremely dangerous. Keep well corked under the hood.

The following is a list of the past twenty-two sulphur analyses run in our laboratory, bromine method.

Duplicates per cent.		Difference in per cent.
29·33	29·31	·02
27·27	27·35	·08
33·89	33·80	·09
41·32	41·27	·05
32·39	32·78	·39
36·10	35·79	·31
33·71	33·77	·06
33·08	32·98	·10
33·31	33·51	·20
49·41	49·53	·12
41·47	41·53	·06
34·18	34·03	·15
34·13	34·22	·09
28·04	28·10	·06
33·79	33·74	·05
32·14	32·33	·19
32·03	32·14	·11
42·27	41·88	·39
41·94	41·82	·12
32·08	31·78	·30
33·01	33·15	·14
34·00	33·87	·13

The average difference between duplicates, taking a general average of all the results, is 0·15%.

The following is a comparison between the bromine method manipulated in the Nichols Chemical Co.'s laboratory, and the fusion method manipulated by a new York chemist of high standard, representing same samples. Sulphur % equals.

Bromine.	X.	Fusion.	XX
33·85		33·88	·03
32·94	·07	32·87	
41·29		41·80	·15
33·94	·42	33·52	
33·74	·27	33·47	
41·50	·48	41·02	
34·10	·30	33·80	
34·17	·27	33·90	
33·76		34·03	·27
42·07		42·10	·03
42·00	·37	41·63	
42·40	·02	42·38	
33·35	·46	32·89	
33·53	·59	32·94	
40·61		41·62	1·01
41·61		42·24	·63
42·29		42·39	·10
42·85	·63	42·22	
42·51	·81	41·70	
42·91	·04	42·87	
42·74		43·10	·36
41·75		42·26	·51
42·71	·12	42·59	
42·20		43·11	·91
40·61		41·43	·82
33·86		34·14	·28
33·43	·06	33·37	

Column X represents the excess of bromine over fusion.

Columns XX represents the excess of fusion over bromine.

There are 27 samples represented, 15 of which run highest by bromine method by an average of 0·33%, and 12 are highest by fusion method by an average of 0·45%, showing that the general average of both methods is about the same. In eight of the 27 analyses the methods agree to within 0·12%.

The above comparisons indicate that for accuracy there is no appreciable difference between the bromine and fusion methods. The bromine method, though, has the great advantage of requiring comparatively little immediate attention, about fifteen minutes for each analysis, most of the time being consumed in evaporation and the settling of the barium sulphate precipitate. During this time the chemist can give all of his attention to other work.

With the fusion method, on the contrary, much more personal attention is required as each fusion must be carefully watched.

In large laboratories where sometimes as many as fifteen sulphurs are run in one day, the saving in time can be readily appreciated.

Awards for Ordnance Supplies.

Following is a list of awards for ordnance supplies for the Benicia Arsenal, Benicia, Cal., for this year:

Bidder 2. R. N. Nason.
5. Thomas Hayes.
10. Chas. M. Yates.
13. Wm. Walker.
14. C. B. Houghton.
16. W. F. Whittier.
18. Miller, Sloss & Scott.
19. Geo. J. Hawley.
24. Arctic Oil Works.

Item 758. 20 bbls English Portland cement, $3 50 per bbl, bidder 14.

760. 20 bbls Santa Cruz lime, $1 75 per bbl, bidder 14.

762. 200 fire bricks, 4½c ea, bidder 14.

763. 1 bbl fire clay, $2 35 per bbl, bidder 13.

765. 2 bbls plaster of Paris, $2 40 per bbl, bidder 16.

767. 50 lights window glass, first quality common, 8x10 in, 3⅛c per light, bidder 16.

768. 50 lights do 8x12 in, 4c per light, do.

769. 50 lights do 10x12 in, 5¼c per light, do.

770. 30 lights do 10x27 in, 14c per light, do.

771. 40 lights do 12x14 in, 8c per light, bidder 10.

772. 50 lights do 12x18 in, 10c per light, do.

773. 40 lights do 12x20 in, 12c per light, bidder 16.

774. 50 lights do 13x30 in, 23c per light, do.

775. 30 lights window glass, first quality, double thick, 13⅛x36 in, 48c per light, do.

776. 20 lights do 13¼x39½ in, 53c per light, do.

777. 20 lights do 14¾x24 in, 26c per light, do.

778. 10 lights do 15⅛x23⅛ in, 27c per light, do.

779. 20 lights do 15⅛x28⅛ in, 42c per light, do.

780. 30 lights do 17x41½ in, 75c per light, do.

781. 30 lights do 17⅛x32 in, 49c per light, do.

782. 20 lights do 19x20 in, 40c per light, do.

783. 20 lights do 21⅛x32⅞ in, 45c per light, do.

784. 20 lights do 21⅛x37 in, 80c per light, do.

785. 30 lights do 24x53¾ in, $1 50 per light, do.

786. 30 lights do 23⅛x48⅛ in, $1 45 per light, do.

787. 20 lights do 23⅛x53⅛ in, $1 50 per light, do.

788. 20 lights do 24⅜x53⅛ in, $1 50 per light, do.

789. 10 bath bricks, 4c ea, bidder 19.

790. 1,000 lbs castile soap, 9c per lb, bidder 5.

791. 25 chamois skins, 50c ea, bidder 16.

797. 50 lbs common bar soap, 7⅛c per lb, bidder 2.

798. 10 lbs whale oil soap, 2⅛c per lb, bidder 10.

799. 10 lbs crocus, 10c per lb, bidder 19.

800. 10 lbs pumice stone in lumps, 6c per lb, bidder 16.

801. 10 lbs do powdered, 5c per lb, bidder 2.

804 to 806. 540 qrs emery cloth, 47c per qr, bidder 19.

807 to 812. 22 lbs emery and emery flour, 7c per lb, bidder 18.

815. 800 gls gasoline, 20c per gal, bidder 19.

820. 100 lbs rotten stone, 5c per lb, bidder 16.

821. 4 gr block matches, 60c per gr, bidder 19.

822. 100 lbs putz pomade, 15c per lb, bidder 2.

823. 10 lbs cancles, sperm, 15c per lb, bidder 19.

824. 10 lbs do tallow, 12½c per lb, do.

825. 20 lbs sponge, $2 50 per lb, bidder 5.

826. 20 qrs sandpaper, 12c per qr, bidder 16.

827. 100 papers tripoli, 7c per paper, bidder 19.

972. 2 gls acid, muriatic, $2 per gal, bidder 19.

973. 1 gal do nitric, $2 75 per gal, do.

974. 2 gals do pyroligneous, $2 per gal, do.

975. 2 gals do, sulphuric $2 per gal, do,

976. 10 lbs prussiate of potash, 40c per lb, do.

977. 2 gals pyroligneous of iron, $1 25 per gal, do.

979. 10 gals alcohol, $2 40 per gal, bidder 16.

979. 2 lbs, bichromate of potash, 25c per lb, bidder 19.

980. 20 lbs borax, 8c per lb, do.

981. 50 lbs boeswax, 28c per lb, bidder 16.

982. 10 lbs bayberry tallow, 50c per lb, bidder 19.

983. 20 lbs chalk, white, 2c per lb, bidder 10.

984. 5 lbs do red, 12c per lb, bidder 18.

985. 1 gr do white crayons, 15c per gr, bidder 19.

987. 10 lbs corundum flour, 15c per lb, do.

988. 10 lbs common glue, 9c per lb, bidder 16.

989. 10 lbs white do, 17½c per lb, do.

990. 6 lbs gum tragacanth, 80c per lb, bidder 19.

991. 40 lbs extract of logwood, 15c per lb, do.

992. 6 cans concentrated lye, 7c per can, bidder 16.

993. 25 lbs niter, 12c per lb, bidder 19.

994. 5 lbs nutgalls, broken, 37c per lb, do.

995. 5 lbs paraffine, 12½c per lb, bidder 2.

996. 10 lbs pulverized sal ammoniac, 25c per lb, bidder 19.

997. 50 lbs black oxide manganese, 10c per lb, do.

998. 40 lbs mercury, 90c per lb, do.

999. 10 lbs bluestone, 10c per lb, do.

1,000. 200 glass bottles and corks, 1 qt, 12½c ea, do.

1,003. 100 lbs sulphur, 3c per lb, bidder 2.

1,004. 1 lb tincture of iron, 60c per, lb, bidder 19.

1,005. 150 lbs refined tallow, 5¾c per lb, bidder 24.

1,006. 10 lbs white wax, 15c per lb, bidder 2.

1,007. 60 lbs Albany grease, 12½c per lb, bidder 24.

1,008. 4 lbs burnt umber, pure dry, 6c per lb, bidder 16.

1,009. 2 lbs do ground in Japan, 24c per lb, do.

1,010. 4 lbs do pure in oil, 11c per lb, do.

1,011. 6 lbs burnt sienna, pure dry, 6c per lb, do.

1,012. 4 lbs do pure in oil, 12c per lb, do.

1,013. 6 lbs do ground in oil, 25c per lb, do.

1,014. 4 lbs raw sienna, pure in oil 12c per lb, do.

1,015. 4 lbs do ground in Japan, 25c per lb, do.

1,016. 8 oz carmine, pure dry, 30c per oz, bidder 2.

1,017. 8 oz do ground in Japan, 25c per oz, bidder 16.

Awards for Life Saving Supplies.

Awards have been made as follows for supplies for the Life Saving Service. The items upon which no bids were invited have been omitted from the schedule. The list published this week embraces the supplies deliverable at New York.

Bidder 2. Harrison Bros. & Co.
3. C. H. Pleasants.
4. Reilly & Guy.
6. Manhattan Supply Co.
8. Acme White Lead & Color Works.
11. W. H. Wetherill.
12. C. M. Childs Co.
15, Cavannaugh & Thomson.
18. T. L. Cross & Co.
20. Hamsley Metal Roofing Co.

Item 210. Surgeons' lint, 49c per lb, bidder 3.

221. Medicine chests, $20 ea, bidder 15.

223. Mustard plasters, 23c per box, bidder 3.

225. Pure rye whisky, 74c per qt, do.

226. Dust brushes, 35c ea, bidder 4.

227. Round paint brushes 3-0, 62c ea, bidder 15.

228. Do 4-0, 70c ea, do.

229. Do 5 0, 85c ea, do.

230. Sash tool brushes no 2, 3c ea, do.

231. Do no 3, 4c ea, do.

232. Flat varnish brushes 1 in, 7c ea, bidder 20.

233. Do 2 in, 13c ea, do.

234. Whitewash brushes, 59c ea, bidder 15.

235. Masury's patent drier, 7c per lb, do.

236. Tieman's do, 10¾c per lb, bidder 3.

237. Harrison Bros. & Co.'s do, 7¼c per lb, bidder 2.

238. F. W. Devoe & Co.'s do, 8c per lb, bidder 3.

239. Glass cutters steel wheel, 7c ea, bidder 20.

240. Red lead dry, 6c per lb, bidder 2.

241. White lead in oil Lewis', 6¾c per lb, bidder 15.

242. Do Atlantic, 6⅜c per lb, do.

243. Do Richardson's, 7½c per lb, do.

244. Do Jewett's, 6¾c per lb, do.

247. Do Acme White Lead & Color Works, 6¼c per lb, bidder 8.

248. Do Harrison Bros. & Co.'s, 6 30-100c per lb, bidder 2.

249. do Wetherill & Bro.'s 6 33-10c per lb, bidder 11.

262. Yellow ocher dry, 1c per lb, bidder 2.

NATIONAL LEAD COMPANY'S

Pure White Lead Tinting Colors

are having an enormous and daily increasing sale.

Beautifully Painted Houses are their best advertising signs,

Painters Everywhere attest their uniformity of strength and color as well as their great convenience to the painting trade.

Every Paint Dealer should carry a stock of the National Lead Co.'s Pure White Lead Tinting Colors.

NATIONAL LEAD COMPANY
1 Broadway, New York.

253. Boiled linseed oil 1 gal cans, 68c per gal, bidder 15.
254. do 2 gal cans, 58c per gal. do.
255. do 3 gal cans, 58c per gal, do.
256. do 5 gal cans. 55c per gal, do.
257, Raw linseed oil strictly pure in 1 gal cans, 57c per gal, do.
258. do 2 gal cans, 57c per gal, do.
259. do 3 gal cans, 55c per gal, do.
260. White hard finish oil, $1 40 per gal, bidder 2.
261. Dark do $1 35 per gal do.
262. Copper paint Tarr & Wonson's. 37c per qt, bidder 15.
263. Mixed paint, Lucas', $1 09 per gal, do.
264. do Averill's $1 09 per gal, do.
265. do Atlas, $1 09 per gal, do.
266. do Harrison Bros. & Co.'s, $1 27 per gal, do.
267. do Masury's, $1 28 per gal, do.
268. do C. M. Childs & Co.'s, $1 per gal, bidder 12.
269. do Chilton's, $1 38 per gal, bidder 15.
270. Asbestine paint, $1 65 per gal, do.
271. Masury's drop black 15c per lb, do.
272. Tiemann's Prussian blue in oil, 37c per lb, do.
273. Masury's do, 42c per lb, do.
274. do Harrison Bros. & Co.'s 35c per lb, bidder 2.
275. Putty, 2c per lb, do.
276. Pumice stone, 6c per lb, bidder 3.
277. Turpentine in ¼ gal cans, 48c per gal, bidder 4.
278. do 1 gal cans, 50c per gal, bidder 3.
279. do 2 gal cans, 41c per gal, do.
280. Japan varnish in ¼ gal cans. 57c per gal, bidder 15.
281. do 1 gal cans 60c per gal, bidder 12.
282. Grain alcohol, varnish, shellac in ¼ gal cans, $2 35 per gal bidder 15.
283. do 1 gal cans, $2 20 per gal, do.
284. do 2 gal cans, $2 15 per gal, do.
285 Vermilion in oil 1 lb cans, 36c per lb, do.
290. Axle grease, 6½c per box, bidder 6.
292. Bath bricks, 3½c each, do.
293. Pure yellow beeswax, 29c per lb, bidder 3.
297. Horse brushes, 60c ea, bidder 15.
298. Scrubbing do, 7c ea, do.
299. Stove do, 15c ea, bidder 6.
309. Broken glue, 14c per lb, bidder 4.
335. Bertram's oil polish, 50c per qt, do.
337. Polishing paste, 19c per lb, bidder 6.
338. Rotten stone, 5c per lb, bidder 4.
339. Sal soda, 1½c per lb, bidder 18.
340. Sapolio, 7c per lb, bidder 15.
343. Fresh water soap, 4½c per lb, do.
344. Salt water do, 6c per lb, do.
345. Large sponges, 52c per lb, bidder 3.

Imports and Exports.

Below we give a summary statement of the imports and exports of the United States for the nine months ending Sept. 30, 1893, compiled by the Bureau of Statistics at Washington. We also give the same information for the corresponding period of 1892, in order that a comparison may be made between the two years:

IMPORTS OF MERCHANDISE.

FREE.	1893.	1892.
Asphaltum or bitumen, crude.....tons	67,148	75,826
Alizarine, natural or extract of madder.....lbs	3,440,179	3,689,375
Argol, or crude tartar, and argol dust.....lbs	20,296,902	19,047,06[illegible]
Barks, cinchona or other used in the manufacture of quinine.....lbs	1,917,586	2,612,114
Cochineal.....lbs	143,172	102,731
Logwood in sticks..tons	41,236	37,975
All other dyewoods..val	$155,374	$89,009
Gum, arabic.....lbs	813,157	349,032
Gum camphor, crude.lbs	1,171,770	1,741,327
Cutch and gambier...lbs	26,064,953	21,432,788
Shellac.....lbs	4,144,200	3,700,481
All other gums and gum resins.....val	$2,979,08[illegible]	$2,731,476
Indigo.....lbs	2,438,866	2,740,483
Licorice root.....lbs	76,532,548	61,551,884
Lime, chloride of, or bleaching powder..lbs	84,830,946	79,596,750
Mineral waters, all not artificial.....gls	1,766,830	1,464,222
Opium, crude or unmanufactured.....lbs	393,655	425,205
Potash, muriate of....lbs	45,825,113	42,199,795
Potash, nitrate of, or saltpeter, crude.....lbs	12,827,657	8,663,529
Quinine, sulph. of, salts of and cinchonidia..oz	2,395,314	2,671,640
Soda, nitrate of.....tons	88,697	80,131
Sulphur or brimstone, crude.....tons	94,291	79,899
Vanilla beans.....lbs	164,272	158,774
All other drugs, chemicals and dyes.....val	$4,263,565	$3,743,630
Corkwood, or cork-bark, unmanufactured..val	$1,36[illegible],249	$1,117,004
Guano.....tons	4,381	2,945
Phosphates, crude or native, for fertilizing purposes.....tons	17,933	17,296
All other fertilizers...val	$622,696	$442,234
Oils, fixed or expre'd. lbs	34,235,217	22,972,459
Oils, volatile or essential.....lbs	1,492,027	1,695,100
Plumbago.....tons	12,973	7,602
Nutmegs.....lbs	733,229	1,242,221
Pepper.....lbs	13,333,936	12,858,848
All other spices.....lbs	11,317,364	10,534,682
DUTIABLE.		
Bristles.....lbs	979,456	1,276,353
Brushes.....val	$595,040	$596,843
Cement.....lbs	853,092,318	701,894,225
Coal-tar colors & dyes val	$1,649,427	$1,433,468
Glycerine.....lbs	11,880,036	10,130,429
Logwood and other dyewoods, extract and decoctions of.....lbs	2,524,515	3,279,877
Opium, prepared.....lbs	41,185	49,856
Sal soda } Soda ash }.....lbs	272,754,835	246,565,234
Soda, caustic.....lbs	42,918,251	42,600,647
Soda, all other salts of. lbs	26,280,816	26,127,781
Sumac, ground.....lbs	10,232,0[illegible]	8,659,163
All other chemicals and drugs.....val	$3,654,227	$3,521,606
Clay of all kinds, including china clay or kaolin.....tons	58,680	57,606
Glass and Glassware;		
Bottles, vials, demijohns, carboys and jars, empty or filled.....val	$547,005	$556,164
Cylinder, crown and common window, unpolished.....lbs	39,754,300	53,437,048
Cylinder and crown, polished—		
Unsilvered.....sq. ft	189,187	320,851
Silvered.....sq. ft	2,994,141	3,148,712
Plate, fluted, rolled and rough.....sq. ft	841,333	708,822
Unsilvered.....sq. ft	2,841,298	1,989,309
Silvered.....sq. ft	320,327	214,195
All other glass and glassware.....val	$2,352,886	$2,290,649
Hops.....lbs	1,530,348	1,460,493
Lead and manufactures of.....val	$4,982,803	$2,974,135
Oils,		
Whale and fish.....gls	721,669	190,974
Other animal.....gls	37,715	10,575
Mineral.....gls	475,464	763,624
Olive.....gls	552,136	527,478
Other vegetable.....gls	453,048	259,737
Volatile or essential..lbs	381,675	821,997
Paints and colors.....val	$1,088,534	$1,022,640
Perfumery, cosmetics, etc.....val	$342,133	$356,319
Seeds, linseed or flaxseed.....bush	134,667	46,794
Soap, fancy perfumed and all descriptions of toilet.....lbs	550,254	619,295
All other kinds soap..val	$233,826	$257,546
Spices, n. e. specified. lbs	1,805,280	1,605,381
Sponges.....val	$282,094	$296,332
EXPORTS OF DOMESTIC MERCHANDISE.		
Barks and extracts of, for tanning.....val	$199,258	$176,304

THE BEST

builders use only the best materials---lumber, brick, lime, cement, sand---whatever goes into the construction of a building; they employ only the best workmen and pay the best wages; they get better prices for their work than their less careful competitors, and always get the best contracts; they paint their work with

Strictly Pure White Lead

manufactured by the "Old Dutch Process" of slow corrosion, and with one of the following standard brands:

"Anchor" (Cincinnati) "Jewett" (New York.)
"Armstrong & McKelvy" (Pittsburgh.)
"Atlantic" (New York.) "Kentucky" (Louisville.)
"Beymer-Bauman" (Pittsburg.) "Lewis" (Philadelphia.)
"Bradley" (New York.) "Morley" (Cleveland.)
"Brooklyn" (New York.) "Red Seal" (St. Louis.)
"Collier" (St. Louis.) "Salem" (Salem, Mass.)
"Cornell" (Buffalo.) "Shipman" (Chicago.)
"Davis-Chambers" (Pittsburgh.) "Southern" (St. Louis & Chi.)
"Eckstein" (Cincinnati.) "Ulster" (New York.)
"Fahnestock" (Pittsburgh.) "Union" (New York.)

Send to us for a book containing information on painting that may save you many a dollar; it will only cost you a postal card to do so.

NATIONAL LEAD COMPANY,
1 Broadway, New York.

BRANCHES:

St. Louis, Chicago, Cincinnati, Louisville
Cleveland, Pittsburgh, Buffalo, Boston,
Philadelphia, Baltimore.

F. W. Devoe & C. T. Raynolds Co

101, 103, 106, 108 FULTON ST.,

NEW YORK

MANUFACTURERS OF

F. W. DEVOE & CO.'S PAINTS
" " " **VARNISHES**
" " " **BRUSHES**
" " " **SPECIALTIES**

C. T. RAYNOLDS & CO.'S PAINTS
" " " **VARNISHES**
" " " **BRUSHES**
" " " **SPECIALTIES**

For Painters, Artists and Decorators

All the brands and specialties of F. W. Devoe & Co. and of C. T. Raynolds & Co. will be maintained separately as heretofore.

Blacking	val	$181 332	$175,528
Candles	lbs	1,161 477	1,145,841
Acids	val	$67,091	$72,051
Ashes, pot and pearl	lbs	583,784	1,229,759
Dyes and dyestuffs	val	$626,180	$418,643
Ginseng	lbs	116,616	113 808
Medicines, patent or proprietary	val	$1,378,802	$1,363,117
Roots, herbs and barks, n. e. s	val	$190,887	$126,564
All other chemicals, dyes and medicines	val	$2,455,198	$2,306,408
Fertilizers	ton	401,858	294,540
Window glass	val	$9,875	$9,240
All other glass	val	$735,534	$660,916
Glucose or grape sugar	lbs	106,738,153	82,144,871
Glue	lbs	579,122	369,613
Grease, grease scraps, and all soapstock	val	$899,081	$971,818
Gunpowder	lbs	350,391	890,488
All other explosives	val	$536,869	$540,315
Hops	lbs	7,867,222	8,129,909
Lead and manufactures	val	$343 435	$119,217
Matches	val	$55,316	$56,000
Rosin	bbls	1,435 489	1,616,422
Tar	bbls	16,482	17,324
Turpentine & pitch	bbls	7,032	6,764
Spirits turpentine	gls	9,245,563	9,817,517
Oil cake and oil cake meal	lbs	506,432,681	626,818,013
Lard	gls	414,283	676, 20
Whale	gls	109,997	66,739
Other fish	gls	47,486	177 284
Other animal	gls	199,300	220,867
Mineral crude (including all natural oils without regard to gravity	gls	88,652,701	72,985,777
Mineral, refined or manufactured naphthas including all lighter products of distillation)	gls	10,494,785	9,537,183
Illuminating	gls	523,483,086	418,509,946
Lubricating and heavy paraffine oil	gls	25,566,172	24,999,825
Residuum (including tar and all others, from which the light bodies have been distilled)	bbls	12,117	6,765
Cottonseed	gls	6,332,929	9,434,669
Linseed	gls	76 0 2	76,580
Volatile or essential			
Peppermint	lbs	65,' 13	53,808
Other	val	$73,387	$46,025
All other vegetable oils	val	$122,957	$47,700
Paraffine and paraffine wax	lbs	69 510,655	47,137,529
Paint and painters' colors	val	$567,519	$490,708
Perfumery and cosmetics	val	$267,863	$265,707
Tallow	lbs	47,734 610	67,730,368
Oleomargarine oil	lbs	89,341 881	80 075, 27
Quicksilver	lbs	658,835	216 693
Cottonseed	lbs	2,039,251	6,998,982
Soap, toilet or fancy	val	$63,839	$77 588
Soap, other	lbs	15,340,001	18,168,030
Spermaceti and spermaceti wax	lbs	240,887	2' 3,151
Alcohol	proof gls	125,636	1,104,458
Starch	lbs	19,064,358	21,444,704
Varnish	gls	176,472	155,264
Wax, bees'	lbs	120,167	50,120
Whalebone	lbs	165,522	46,422
EXPORTS OF FOREIGN MERCHANDISE.			
FREE OF DUTY.			
Dyewood	val	$8,192	.....
Gum Arabic	lbs	6,798	24,621
Gum camphor, crude	lbs	4,776	.....
Gum cutch and gambier	lbs	396,221	9,938
Gum shellac	lbs	53,381	121,116
All other gums and gum resins	val	$46,187	$1,275
Indigo	lbs	80,718	5,225
Mineral waters, all not artificial	gls	452	1,120
Quinia, sulphate of, salts of, and cinchonidia	ozs	.....	.....
Soda, nitrate of	tons	2,013	191
Sulphur or brimstone			
cde		65	.....
Vanilla beans	lbs	1,625	4,056
All other chemicals and drugs	val	$253 383	$132,139
Guano	tons	6	1
All other fertilizers	val	$30	.....
Oils, fixed or expressed	lbs	1,495,070	99,766
Oils, volatile or essential	lbs	3,436	5,479
Plumbago	tons	78	.....
Nutmegs	lbs	38,926	3,029
Pepper	lbs	634,085	374,8 5
All other spices	lbs	1,158,2'3	715,540
SUBJECT TO DUTY.			
Bristles	lbs	35,364	19,292
Brushes	val	$ 94	$2,489
Cement	lbs	4,862,670	5 045,' 76
Coal tar colors and dyes	val	$22 1'3	$13,362
Glycerine	lbs	.....	672
Logwood and other dyewoods, extracts and decoctions of	lbs	14, 38	24,2'0
Opium prepared	lbs	.....	6
Soda, caustic	lbs	1 130,513	1,'65,296
Sal soda / Soda, ash	lbs	99,859	13,887
Soda, all other salts of	lbs	48 504	45,789
Sumac, ground	lbs	500	1,073
All other chemicals and drugs	val	$84,730	$22 412
Glass and Glassware;			
Bottles, vials, demijohns, carboys and jars, empty or filled	val	$2,564	$858
Cylinder, crown and common window glass, unpolished	lbs	7,417	25,020
Cylinder and crown glass, polished, silvered	sq ft	.....	3,071
All other	val	$4,765	$5,673
Hops	lbs	63,479	104,706
Lead, and manufactures of	val	$4,108,447	$2,189,391
Oils:			
Whale and fish	gls	34,113	3,239
Mineral	gls	553	310
Oil, olive	gls	1,094	1,088
Oil, volatile or essential	lbs	4,344	2,099
Paints and colors	val	$8,198	$2,369
Perfumeries, cosmetics and all toilet preparations	val	$4,897	$2,359

The Blue Bird Mining Co., Spokane, Washington, was incorporated Oct. 23, with a capital stock of $300,000.

TRANSPORTATION NOTES.

The Northern Pacific R.R. Co. has commenced the sale of round trip tickets from Eastern terminals to Portland and return at the rate of $65 50. These tickets will bear final limit of April 30, 1894; transit limit being 15 days in each direction. The company has also placed on sale similar tickets to San Francisco and return at $80 50, going via Portland and returning via direct lines to Missouri river. To Los Angeles going via Portland and returning via Ogden to Missouri river the rate will be $90.

The Inter-State Commerce Commission has decided that foreign and home merchandise, when handled and transferred by inter-state carriers between the seaboard and the interior stand upon the same basis of equality as to tolls, charges and treatment for similar service rendered.

An injunction against the Texas and Pacific Railway, requiring it to desist from making any difference in rates between foreign merchandise carried under through bills of lading issued abroad, and similar domestic merchandise, carried under local bills issued under the inland tariff has been sustained.

An injunction to sustain the position of the Inter State Commerce Commission will be granted where no defenses for discrimination between foreign and domestic rates for inland carriage are presented, except competitive condition in foreign ports, ocean competition and the loss of business to a railroad unless lower rates be given for foreign merchandise.

The Mogue Gold Mining Co., Baker City, Oregon, was incorporated Oct 23, with a capital stock of $50,000.

GREEN SEAL **FLORENCE ZINC OXIDE** RED SEAL

Manufactured by the FLORENCE ZINC CO.

We manufacture the only Zinc White made in this country of Metallic Zinc, which we offer to the trade, and guarantee that the quality will at all times be the best that can be manufactured. and that our prices shall be beyond the possibility of competition.

Samples and Prices Furnished on Application to

THE S. P. WETHERILL CO.

Sole Agents for the Florence Zinc Company

45 Cedar St., New York 925 Chestnut St., Philadelphia

DO YOUR **BRUSHES?** SUIT YOU

TRADE MARK

WHY NOT **TRY WHITING'S?** AND BE SUITED

CHARACTER is something we all make for ourselves, and everyone wants to have his character esteemed favorably by those withw hom h comes in contact.

Character applies to manufactured articles as well as to individuals. There is an individuality, a character, about **THE WHITING BRUSHES** that is well known to all who have used them; others can become convinced of their high character by giving them a trial.

THE WHITING BRUSHES are made in the most extensive variety, enabling the buyer to surely find the kinds adapted to his needs. They ombine the three essential features of a successful line of goods,—perfect adaptibility to the buyer's needs, highest grade quality, and lowest prices. A rial demonstrates their strong features, perfect workmanship, economical prices.

Manufactured Only by

JOHN L. WHITING & SON CO,, cor. High and Purchase Streets, BOSTON

HENRY WOOD'S SONS CO.

BOSTON.
Established 1837.
MANUFACTURERS OF

CHEMICALLY PURE DRY COLORS

Greens, Blues, Yellows, Reds, &c.

SEND FOR SAMPLES.

We call attention to the PURITY, Strength and Brilliancy of our Chemically Pure Colors, also Purity of their undertone, and the unerring accuracy with which they hold their tone when adulterated to the furthest point. Many colors sold as Chemically Pure are not Chemically Pure, but contain Sulphate and Carbonate of Lead, weakening not only their strength, but their durability. We invite technical and practical tests.

HENRY WOOD'S SONS CO., Boston.

Pure Sulphate Barytes

MANUFACTURED BY

GEO. H. BURGESS

NEW HAVEN CONN.

Oldest Mills in the Country

IN CONSTANT OPERATION SINCE 1848

The Best

BARYTES Where TO GET IT

Dingee Weinman & Co.

LYNCHBURG, VIRGINIA.

You have learned

to avoid bogus White Leads and use none but genuine Brands, those proven by years of general use to be strictly pure and reliable; now it is equally necessary to avoid the numerous adulterated Oils that are on the market, and which spoil the best White Lead that can be made.

"COLLIER" Linseed Oil is always pure and perfect in quality. Use "Collier" oil and you will have the best.

NATIONAL LEAD COMPANY
St. Louis Branch.
Clark Ave. & 10th St., St. Louis.

LEWIS BERGER & SONS, LIMITED

ROSE PINK

Bone Dry

Factories: { LONDON & SHEFFIELD } England. SOLE AGENT, AMERICA AND CANADA JAS. W CARSON, 99 Nassau St., N. Y.

BEFORE BUYING

BLACKS

LAMP, CARBON, DROP

TRY

BINNEY & SMITH

NEW YORK

EGYPTIAN ASPHALTUM

TO THE TRADE

Fine and in Lump

M. KARAM, 71 Broadway, New York

VARNISH MAKERS

PRATT & LAMBERT

New York. PRATT'S LIQUID DRYER, Chicago.

F. C. KNOWLES & CO. Incorporated

MANUFACTURERS OF

White Lead, Tinted Lead, Colors in Oil, Mixed Paints, Calsomine, Woodstains, &c.

PROPRIETORS OF
New York City White Lead Works
180 182 and 184 Cherry Street - - NEW YORK

American Zinc Lead Co., Canon City Colorado.

Made Under Patents of F. L. Bartlett.

AMERICAN ZINC LEAD CO.
STANDARD WHITE.
Patented June 21, 1892.

Warranted to Contain Only Zinc and Lead.

Sold deliverable to all points by
HERBERT NASH, Treas
53 Mason Building, Boston, Mass.

Contains More Metal than White Lead does

C. K. Williams & Co.,

PROPRIETORS OF THE
Pennsylvania Dry Color Works.

Miners and Manufacturers of the largest variety of Ochre Colors in the U. S. ALSO Large Producers of Sienna, Umbers Red and Yellow Oxides, Spanish and Metallic Browns, Venetian Reds, Mineral Blacks, Cement Paint, Wood Fillers, and China Clays. ALSO Importers of and Dealers in Pumice Stone, Ochres, Umbers and Sienna

CITY OF
Easton Pa., U.S.A
Correspondence Solicited

C. A. WOOLSEY PAINT & COLOR CO.

Manufacturers of Paints and Colors, Dry and in Oil

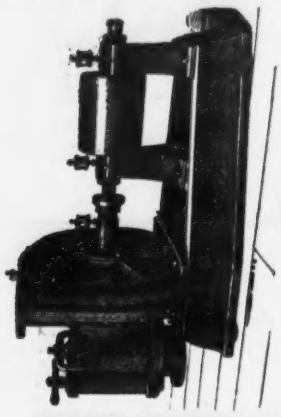
SPECIALTIES

Woolsey's Copper "Best" Paint
Woolsey's Coach and Car Colors
Woolsey's Indestructible Iron Paint for Bridges, Roofs, &c.
Woolsey's Yacht Copper Paint
Woolsey's Adamant Floor and Deck Paint
Woolsey's Domestic Kalsomine
Woolsey's Standard Mixed Paint
Woolsey's New Brilliant Green
Woolsey's Wood Stains &c.

PAINTS FOR EXPORT A SPECIALTY.

P. O. Box 96. Jersey City, N. J., U. S. A.

CENTRIFUGAL PUMPS



For White Lead Works, Acid Factories and Chemical Works.
Economy and Life of Pumps Guaranteed.

MORRIS MACHINE WORKS
BALDWINSVILLE N Y

Charles H. Howell & Co.
PURE COLORS
Uniform in Shade, Quality and Fineness. "Reliable in every sense."
Philadelphia. New York.

HEADQUARTERS FOR
Queen's Chrome Yellow. The most remarkable made.
Coach and Car Colors, in Japan.
Painters' Pure Colors, in oil. Distemper Colors.
AJAX PAINT, a first-class ready mixed paint. White, and all colors.
"Perfect" Wood Filler, all shades.
Extra Fine Putty.
Weather Paint for Damp Walls.
Red Deck Paint, used by the U. S.
Marine Paints. Marine Black Pain Marine Bronze Green, Marine Frenc Green, Marine French Verdigris, Ma rine Seam Paint.
Hatteras Copper Paint.
Green Seal Copper Paint.

TRADE GUTTA PERCHA MARK.
FLOOR FINISH
Dries hard over night, under favorable conditions, with the toughness of Gutta Percha. On old and new natural wood floors properly filled, and on painted floors, one coat is sufficient. Does not scratch or mar white, and is very durable.
STANDARD VARNISH WORKS
LONDON, 23 Billiter Street. NEW YORK, 207 Avenue D. CHICAGO, 139 Lake Street.

THE PRINCES' METALLIC PAINT
will have both labels as below side by side, upon every package

And is Made Only by THE PRINCE MANUFACTURING CO.
A. C. PRINCE, President. DAVID PRINCE, Sec'y & Treas.
71 Maiden Lane, NEW YORK
It protects Iron from rust and Wood from decay.

BRILLIANT RED LEAD
ORANGE MINERAL
LITHARGE

COLORS OF SUPERIOR QUALITY
Linseed Oil
Raw, Boiled and Refined

STRICTLY PURE WHITE LEAD
National Lead & Oil Co. of Pennsylvania
Proprietors and Manufacturers of the Following Well-known Brands:
"Armstrong & McKelvey" "Beymer-Bauman"
"Davis-Chambers" "Fahnestock"
"Fahnestock, Haslett & Schwartz"
MANUFACTURE ALSO
RED LEAD, LITHARGE,
GLASS, AND VARNISH MAKERS' OXIDES,
ORANGE MINERAL.
LINSEED OIL,
Raw, Boiled, Refined.
The high degree of excellence for which these brands of White Lead and Oxides have long been noted will be fully maintained.
GENERAL OFFICES
German Nat. Bank Building, Pittsburgh.

AGENTS FOR
Sissons Brothers & Co.
HULL, ENG.
Manufacturers of
GOLDEN OCHE, PARIS WHITE, PATENT DRYER, TUSCAN RED, INDIAN RED, VENETIAN RED, AND COLORS.

Lee Smith & Co.
59 Frankfort St., & 19, 21, & 23 Jacob St., N. Y.

AGENTS FOR
Henry Grace & Co.
LONDON.
MANUFACTURERS OF
White Lead
ETC.

PAINTS FOR GRINDERS' USE
IMPORTERS OF
English White Lead, Ochres, Umbers, Siennas, Indian and Venetian Reds and China Clay, V. M., French Zinc, Refined Yellow Beeswax.
We Claim to have our Paints for Grinders use of the best quality and most finely prepared

PAINT MARKET.

Note.—*Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures.*

Complete prices current will be found on page 41.

SATURDAY EVENING, Nov. 11, 1893.

White Lead, Zinc, Etc.

White Lead.—As usual when the week is broken by a holiday, trading is more or less affected, consequently the week just closing is no exception. The demand at the moment is restricted to actual wants, as very few dealers or grinders are anticipating their future wants unless some concessions are made as an inducement to purchase stocks beyond their present requirements. Values continue more or less unsettled, especially dry lead, which rules from 5¼@5¾c for car lots, as to make. A sale of 5 tons of "quick process" dry lead is reported at 5c, 30 days. Western corroders outside the "combination" are anxious to do business on the basis of 5¼c for dry, less the usual discounts. It is reported that a new works located in the West is soliciting business for delivery after the turn of the year at 5c for car lots of dry lead. The National Company are quoting 5¾c and upwards for dry, as to quantity, at which they report only a moderate demand. Lead in oil is quoted at 6¼c and upwards, as to size of order.

Litharage.—The demand during the week from the glass and rubber trades has fallen off to a considerable extent, only such lots as current wants require being taken. Very little inquiry is reported for future delivery. Values remain steady at 5½@5¾c, as to quantity, less the usual discount. The other high grades are only in moderate request either for spot or for future delivery, at 6¼@7c, as to quality and quantity, less the regular discount.

Red Lead.—There is almost no demand at the moment for round lots of German for future delivery. Even the jobbing demand for spot lots has fallen off to a considerable extent since the month opened. For round lots to arrive, 6¼@6⅝c is quoted, as to make and quantity, while for jobbing parcels the price ranges from 6⅝@7c, as to quantity and holder. There is no change in the position of domestic makes as regards values. Recent schedule prices are quoted at 6⅝@7c, as to quantity, less the usual discount, though the demand is reported to be light for round lots.

Pig Lead.—The market continues depressed and sales during the week did not reach a fair average in volume. Only desultory trading was indulged in and about 200 tons comprise the entire week's business. Prices show a downward tendency and the quotable range to-day is $3 30@3 35, with $3 25 as a possibility. We review the subject editorially in this ssue.

Orange Mineral.—With the exception of the French, for which a good jobbing demand is reported, the other makes are meeeting with a light inquiry. French is quoted at 10¼@10½c as to quantity and holder. German makes of the various grades are very quiet at the moment, only small orders such as current wants require are the order of the day. In the absence of any important demand for shipments to come forward over the balance of the year prices are only nominal at 7½@7¾c as to quantity, make and date of shipment. Jobbing parcels on the spot are quoted at 7¾@8c as to quantity aud holder. Domestic makes are meeting with the usual demand at 7½@8c as to quantity, less the usual discount.

Zincs.—While there has been a fair amount of business transacted during the week under review, it has been wholly confined to deliveries upon old contracts. At the moment there is an absence of any import demand for new contracts extending over 1894. Values remain as previously quoted at 4@4¼c, as to quality and quantity. Foreign makes, while not active, are meeting with the usual jobbing demand at prices named by the various agents.

Dry Colors.

Carmine.—In reviewing this market we find no features other than those contained in our last report. Quantities consistent with the requirements of consumption are in progress, but no large transactions have been effected. Values are quoted at $2 75 in bulk, $2 85 in 1 lb bottles, and $3 75 in 1 oz bottles, as to quantity.

Vermilion.—The market is quoted steady. The current wants incidental to a week's business were in pro-

Atlantic White Lead & Linseed Oil Co.

MANUFACTURERS OF

"ATLANTIC" WHITE PURE LEAD

ATLANTIC WHITE LEAD CO. PURE WARRANTED ROBERT COLGATE & CO. TRADE MARK

Red Lead, Powdered and Flake Litharge and Glass-House Lead

ALSO

Refined Glass House Lead

Especially adapted for the manufacture of the FINEST QUALITIES OF GLASS, and we guarantee its UNIFORMITY.

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RAW, BOILED AND REFINED.

Also a Superior Grade especially adapted for Varnish Makers' use

Lead Pipe, Sheet Lead and Block Tin Pipe.

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LITHALE?

Atlantic Drier Co.,
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PATENT

Rock Emery Millstones

ARE NEXT TO

DIAMOND in HARDNESS

Grind Materials that destroy other Stones.

They are made from

BLOCKS OF EMERY,

Cast or imbeded in

METAL,

Thus an Ideal Grinding Face is obtained.

The Emery, incomparably hard, is always sharp, never glazes, and the softer metal between the Blocks makes a

HONEY-COMED FACE

more effective than the best French Buhr.

Wherever Buhrs do well, *THESE DO BETTER.*

Fit any Millstone Frame,

FASTEST GRINDER KNOWN

Durable — Try Them

PATENT ROCK EMERY MILLSTONES

Grind Everything

Emery Face Never Dressed — HARD NEVER GLAZE

Sturtevant Mill Co., Boston, Mass.

$100 FORFEIT

Which is the Cheapest?

100 lbs. "Trust brand" White Lead.....$ 7 25
34 " (4¼ gals.) Linseed Oil at 60c..... 2 70

134 lbs.—19 lbs. to the gal. or 7 gals.....$ 9 95

COST $1.42 PER GALLON OF PAINT.

100 lbs. "Carter" White Lead.....$ 7 25
50 " (6¼ gals.) Linseed Oil at 60c..... 3 90

150 lbs.—16 lbs. to the gal or 9⅜ gals.....$11 15

COST $1.17 PER GALLON OF PAINT.

A Saving of Nearly Twenty-Five Per Cent.(25%) in favor of Carter White Lead in Cost of Paint.

We positively guarantee that 100 lbs. of CARTER White Lead when thinned with 6¼ gallons of Linseed Oil, will **cover** One-third more surface **equally as well as 100 lbs. of any "Trust"** brand thinned with 4¼ gallons of oil, proving an actual saving of nearly **Twenty-five (25) per cent.** of the cost of materials according to actual work done, **or forfeit One Hundred Dollars ($100.)**

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Does not cover ONE THIRD more surface than any other White Lead in the market.

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Omaha, Neb.
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140 Maiden Lane, New York.

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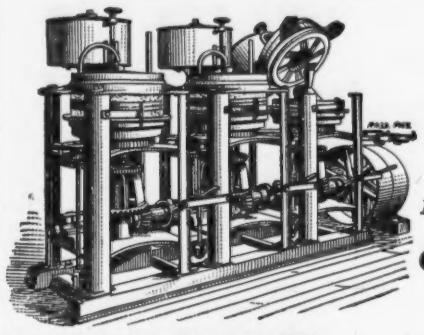

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OLD FASHIONED WHITE LEAD

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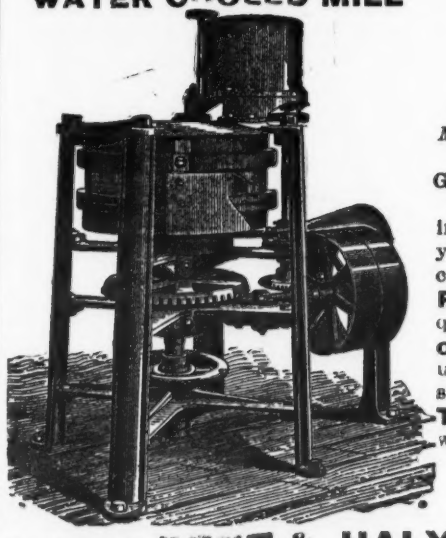

FLOOD & CONKLIN CO.,
Varnish Makers.
NEWARK, N. J., June 24, 1893.
Messrs. KENT & HALY,
Brooklyn, N. Y.

GENTLEMEN:

Replying to yours of 22d inst., in reference to the Paint Mills you furnished this Company, I consider them **The Perfect Paint Mill,** producing both quantity and quality, **Superior to any Mill** that has come under my notice, and from my standpoint, any one wanting **The Best** Paint Mill made will do well to adopt them.

Yours truly,
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Manufactured by **KENT & HALY** 250 & 252 Plymouth St. BROOKLYN, N. Y.

Samuel H. French & Co.

PAINT MANUFACTURERS

"BUCK LEAD"

PHILADELPHIA

gress. but no special activity was manifested by buyers, and no anticipation of wants ahead of consumptive requirements were reported. The prices lately adopted by the association are yet in force, and 53c in bulk, and 54c in bags, continues to be maintained, as to quantity.

Ultramarine.—The situation in this article continues unchanged, the demand being confined to the small parcels consistent with actual requirements, with the volume representing the week's trading showing contraction. The season is too far advanced to permit of any great activity materializing and from this time on business will be confined within narrow limits. Values show uniformity, and 7@20c is the range issued, as to quantity and quality.

Carbon Black.—The position of this article has not changed, and sellers continue to meet the requirements of consumption on the basis of former quotations. Individual wants are still showing curtailed proportions, with the values of these parcels being regulated by the quantity under consideration.

Lamp Black.—Moderate quantities are in transit to consumers upon the regular basis of prices. The usual volume incidental to a week has been been distributed, but apart from this but little has transpired.

Ochers.—Distribution of moderate quantities continues to be the prevailing feature in this market, the trade regulating their purchases as the wants of consumption dictate. Values are held unabatedly, domestic being quoted at 1¼@1½c with Rochelle selling at 1¼@1½c, as to quantity.

Paris Green.—The movement in this article is purely of a retail character, the call for supplies having practically ceased. Such supplies, however, as were in progress were on the range of 17@21c, as to quantity.

Miscellaneous.

Barytes.—An easy feeling still pervades this market, all important demand being in abeyance, the movement being represented solely by such packages as the actual uses of consumption dictate. This has not, however, influenced prices, they continuing to be quoted at $15@21, as to quantity and grade.

Chalk. — Business remains practically the same as when we last wrote. Trade is without animation, the movement being regulated entirely by the wants of consumption, with buyers apparently willing to pay the prices asked rather than anticipate their wants. Values are quoted at $1 75@2, as to quantity.

China Clay.—This market remains in its former quiescent state. There is no inquiry, and the situation as viewed, presents little that is interesting. A few jobbing orders, are, of course, in motion, but apart from this the movement aggregates little volume. Values range from $12@18, as to grade and quantity.

Whiting.—The distributive movement locally is of small volume the bulk of interest during the past week having been devoted to the filling and shipping of orders for western consumption, the orportunity of lakes and canals being taken advantage of at this time. Values are firm at 45c for common, 55c for gilders, and 65c for extra gilders, as to quantity and quality.

Talc.—No improvement is to be noted in either inquiry or demand, and the market may be said to retain all the features of our last report. A few car lots have been distributed, this quantity representing the entire week's work. The outlook is not over encouraging, although prices continue to be steadily maintained at 1½@1¾c, as to quantity and grade.

Mixed Paints.—This market is wholly without features of encouragement. Out door work has become suspended and the local distribution does not exceed jobbing proportions, small in number and insignificant in detail.

Varnish Gums.

Stocks are in abundant supply, but the demand for this article does not exceed the usual orders for necessary requirements and the distribution is represented by a very small volume. Values are quoted as more or less nominal, buyers having the advantage over sellers.

Glues.

While concessions are still allowed to purchasers of quantities, the better feeling lately pervading this market is tending to a hardening of values. The low grades being in large supply are lower in values, proportionately, than the higher ones. Factories continue at full capacity, and new glues are appearing on the market. Foreign grades are in moderate request, with prices firm at former quotations.

Glass.

Window.—The local situation has not changed in any particular since last week. From the various dealers we learn that a steady demand is in progress, but no transactions of special significance are reported. The western factories are gradually resuming operations, but there are yet a number that are backward in their preparations. Some difficulty is still being met with, regarding the wage question, and it is stated that the disaffected workmen are talking of starting factories to be run by themselves. We hear that a meeting of these workmen resulted in the appointment of a committee to inquire into the feasibility of establishing plants for the purpose of making glass for the open market. Quotations here are steady and sales show the usual volume.

Plate.—The market is without attractive features. Business continues in a quiet channel and prices are unchanged.

St. Louis Paint Market

[Special to the REPORTER.]

White Lead.—The favorable weather for outdoor work has brought about a better business in white lead. The outlook is now brightening as there is about 40% larger distribution of building material throughout this section than for same time last year. The market is very firm and full prices prevail.

Mixed Paints.—The from hand to mouth policy in contracting for supplies is the general rule with the trade, and orders are placed for only actual current requirements.

Dry Colors.—The usual filling in orders customary at this season of the year are being placed as needs require. Grinder's goods are only sought after in a moderate way and as current requirements call for. The market is entirely barren of any speculative features or the anticipating of wants

P. & B. Water, Acid and Alkali Proof Paints for and Iron Wood

THE STANDARD PAINT CO., 2 Liberty St., New York, N. Y.

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Color Cards for Mixed Paints
Office, 39 Dearborn Ave, CHICAGO, ILL.
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AM. BRONZE POWDER M'F'G CO
Manufacturers of Superior Grades of
BRONZE POWDERS & BROCADES
And their unexcelled and justly celebrated
LINING BRONZES AND ALUMINUM SILVER BRONZE
To which the attention of the Wholesale Trade is respectfully directed.
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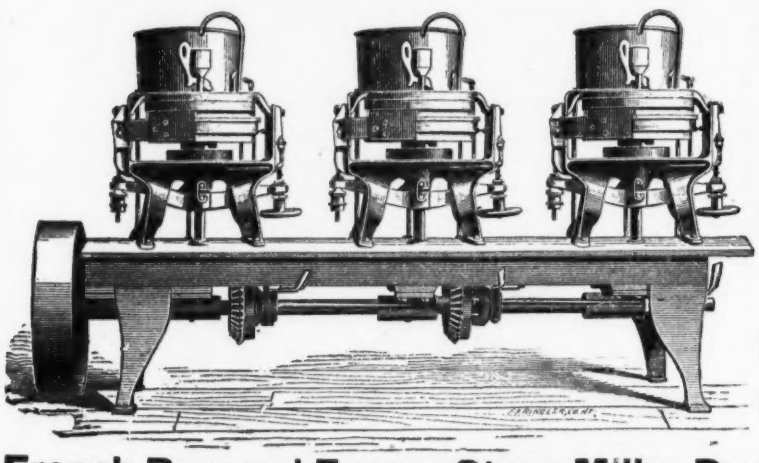

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DRY AND LIQUID
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FOR GRINDING
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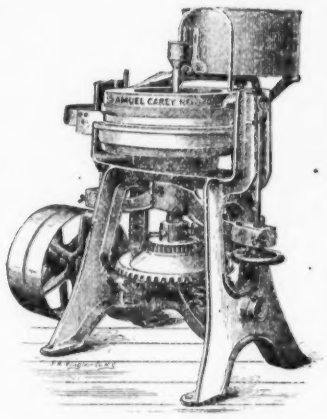

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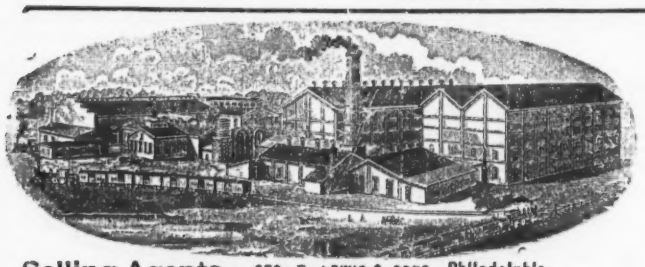
Write for new Catalogue to SAMUEL CAREY. 17 Broadway. New York



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Is the Finest, most Brilliant and Lasting in the World for Vermilion Manufacturers. &c
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Raw, Boiled and Bleached Linseed Oil
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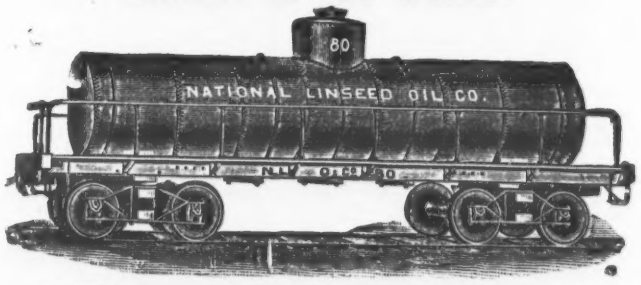

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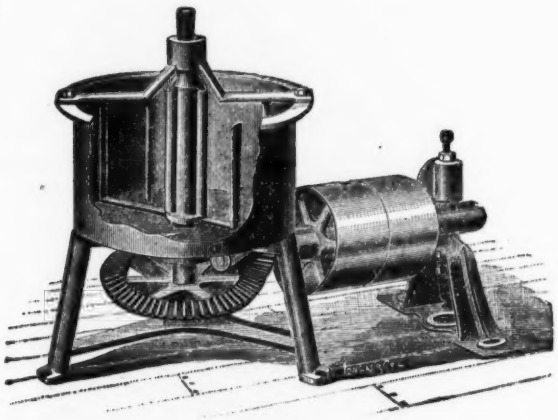
Philadelphia, Pa



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Manufacturer of all kinds of Paint and Putty machinery.

Pig lead.—There has been practically no change in the status of the pig lead market. Values are in the same position as when last reviewed, viz $3 17½, with a fair inquiry to be noted. There has been much larger movements for the period under review as the following table will show:

RECEIPTS.

Week ending Nov. 4	36,305 pigs
Week ending Oct. 28	26,474 "
Since January 1	1,179,475 "
Same time last year	1,336,636 "

SHIPMENT

Week ending Nov. 4	21,723 pigs
Week ending Oct. 28	15,033 "
Since January 1	830,411 "
Same time last year	898,312 "

Chicago Paint Market.

[Special to the REPORTER.]

White Lead.—October closed without satisfactory results to either corroders or jobbers. Nor did the current month open with particularly bright prospects. The season has so far advanced that not even the pleasant weather of the past few days has operated as a stimulant to outside work. At one time it was supposed that revival of this branch of trade would be almost simultaneous with the passage of the "silver repeal bill," but up to this time the tangible effect upon the white lead market has not been pronounced. Prices are about steady.

Dry Colors.—The general list is fairly steady, but no special activity has been manifested. Grinders are indifferent and trade is confined to the filling of occasional jobbing orders. Pressing wants are few and easily supplied, and trade is extremely quiet.

Mixed Paints.—No improvement can be reported. No trade is coming in, nor does there seem any likelihood of any resumption of business before the advance of the spring trade.

Window Glass.—Nothing of interest can be reported. Since this market has been made open trade has been, if anything, duller than before. Stocks in second hands are ample to meet all present needs, and the present prospect of a largely increased supply to be thrown on the market within a few months has been far from exerting a beneficial influence upon the market. Prices have that sort of steadiness which usually results from an utter lack of provocation to competition.

DIRECTORY OF PAINT CLUBS IN THE UNITED STATES.

Following is a list of officers and directors of paint, oil and varnish clubs of the United States:

NATIONAL PAINT, OIL AND VARNISH ASSOCIATION.

President—W. W. Lawrence, Pittsburg.
Vice-Presidents—C. E. Adams, Lowell, Chas. T. Pierce, New York.
Secretary—D. Van Ness Person, Chicago, Ill.
Treasurer—A. Sherwood, Cleveland.
Auditor—W. C. Peale, Cincinnati, O.
Directors—Charles Richardson, Boston; O. L. Whitelaw, St. Louis; Maximilian Herman, New Orleans. Geo. H. Vorman Chicago; William Waterall; Philadelphia; W. Stridiron, Detroit; M. J. Waugh, Lincoln, Neb.; David Hecht, Milwaukee; A. Sherwood, Cleveland.

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(Organized Feb. 23, 1884.)

President—George B. Dexter.
Vice-President—Albion T. Brownell.
Secretary—J. W. Hoffman.
Treasurer—Edward W. Nash.
Executive Committee—Robert D. Archer, William S. Cutler, D. G. Mansfield, A. E. Carr, Boston; H. L. Peters, Lawrence; M. B. Damon, Fitchburg; G. Irving Rice, Bangor.

PAINT AND OIL CLUB OF PORTLAND, MAINE.
(Organized Nov. 28, 1884.)

President—W. W. Whipple.
Vice President—J. E. Gould.
Secretary—H. T. Whipple.
Treasurer—H. T. Whipple.
Executive Committee.—E. L. Stanwood, J. W. Perkins E. S. Everett.

PAINT, OIL AND VARNISH CLUB OF NEW YORK.
(Organized Feb. 26, 1887.)

President—A. B. Garner.
Vice-President—C. T. Pierce.
Secretary and Treasurer—W. B. Templeton.
Executive Committee—Carl Merz. Dr. J. W. Drummond, N. B. Arnold. Wm. Balbach. F. L. Lavanburg, Wm. E. Lucas, and officers.

THE PAINT AND DRUG CLUB OF PITTSBURGH.
(Organized May 24, 1887.)

President—M. B. Suydam.
Vice President—A. C. Robertson.
Secretary—Samuel S. Lyons.
Treasurer—C. F. Wells, Jr.
Executive Committee—Composed of the officers.

PAINT, OIL AND VARNISH CLUB OF CHICAGO.
(Organized May 31, 1887.)

President—P. P. Senour.
Vice-President—A. G. Cox.
Secretary—D. Van Ness Person.
Treasurer—M. Rosenthal.
Executive Committee—M. L. Barrett, E. H. Haines, E. N. Bement and officers.

ST. LOUIS PAINT, OIL AND DRUG CLUB.
(Incorporated June 1, 1887.)

President—D. P. Dougherty.
Vice-President—H. V. Kent.
Secretary—Melvin H. Stearns.
Treasurer—George S. Mepham.
Executive Committee—Norris B. Gregg, Park G. Hammer, F. A. Phelan, Robert A. Parker, Jas. A. Reardon.

THE PAINT CLUB OF PHILADELPHIA.
(Organized Oct. 21, 1887.)

President—Wm. Waterall.
Vice-President—W. H. Wetherill.
Secretary—Albert Lucas.
Treasurer—S. K. Felton,
Executive Committee—Howard B. French, Chas. H. Howell, Edward F. Beale, F. G. Elliott.

SYRACUSE PAINT AND OIL CLUB.
(Organized Dec. 4, 1888.)

President—Charles B. Everson.
Vice-President—C. A. Reeve.
Secretary and Treasurer—William Muench.
Executive Committee—Chas. B. Everson, C. A. Reeve, Wm. Muench, C. W. Snow, P. J. Mack.

PAINT, OIL AND VARNISH CLUB OF DETROIT.
(Organized Nov. 12, 1889.)

President—F. H. Rogers.
Vice-President—Wm. P. Fuller.
Secretary—Thomas Neal.
Treasurer—William Reid
Executive Committee—W. P. Fuller, William Boydell and P. F. Whalen.

THE CINCINNATI PAINT CLUB.
(Organized Dec. 21, 1889.)

President—S. M. Bassett.
Vice-President—D. D. Martin.
Secretary—L. E. Hearne.
Treasurer—John C. Kolbe.
Executive Committee—John B. Swift, W. C Peale and Herman Wolf.

PAINT, OIL AND GLASS CLUB OF NEBRASKA.
(Organized March 7, 1890.)

President—Frank B. Kennard.
Vice-President—F. E. Ritchie.
Secretary—M. J. Waugh.
Treasurer—S. B. Hayden.
Executive Committee—C. F. Weller, Wm. Cummings, C. J. Daubach and officers.

KANSAS CITY PAINT, OIL AND VARNISH CLUB.
(Organized March 13, 1890.)

President—George T. Lynn.
Vice-President—H. D. Cutter.
Secretary—Thos. Pain.
Treasurer—W. S. Davison.
Executive Committee—Chas. Campbell, Jnc A. McDonald, I. Lewis, and officers.

BROOKLYN PAINT DEALERS ASSOCIATION.
(Organized March 26, 1890.)

President—A. M. Montignani.
Secretary—Samuel M. Wood.
Treasurer—S. B. Kraus.
Executive Committee—Composed of the officers.

NEW ORLEANS PAINT CLUB.
Organized ——, 1890.)

President—B. F. Eshelman.
Vice-President—J. Watts Kearney.
Secretary—Maximilian Herrmann.
Treasurer—Jno. M. Wiemann.
Executive Board—Geo. W. Hyde, T. W. Seaton, Chas. W. Mackie, J. W. Kearny, G. Pitard.

MILWAUKEE PAINT, OIL AND DRUG CLUB.
(Organized Nov. 6, 1890.)

President—Charles Baumbach.
Vice-President—J. E. Patton, jr.
Secretary—Geo. F. O'Neil.
Treasurer—Chas. A. Meissner.
Executive Committee—C. H. O'Neil, David Hecht, J. E. Patton, jr.

CLEVELAND PAINT, OIL AND VARNISH CLUB.
(Organized Sept. 3, 1891.)

President—Thos. F. Manning.
Vice-President—T. G. Dunham.
Secretary and Treasurer.—E F Van Zandt.
Board of Directors—M. A. Sherwood, F. K. Glidden, R. Morley, I. A. Tyler.

DENVER PAINT, OIL AND VARNISH CLUB.
(Organized Jan. 28, 1892.)

President—B. C. Hubbell.
Vice-President—B. L. James.
Secretary—B. B. Brown.
Treasurer—B. L. James
Board of Directors—J. J. McGinnity, E. F. Hallach and the officers.

SAN FRANCISCO PAINT, OIL AND VARNISH CLUB.
(Organized March 29, 1893.)

President—Charles M. Yates.
Vice-President—L. H. Butcher.
Secretary—S. Magner.
Treasurer—G Ammerup.
Board of Directors—J. Law, Samuel H. Brown, J. P. Jourdan.

As soon as received we shall make corrections and include other clubs, and as it is desired to keep a correct directory of the above, we ask the various clubs to notify us at once of any changes made.

507,964. Pyroxyline Solvent and its Compounds. Filed Aug. 22, 1893. Issued Oct. 31, 1893.

Claim.—As an article of manufacture a metal lacquer which consists of pyroxyline dissolved in a mixture of aceto acetate of amyl, ozonized fusel oil, wood alcohol and benzine.

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Will not Rub or Scale from the Wall
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and see that you **do not get any poor substitute.** For sale by Paint and Drug Dealers everywhere. Send for sample card and prices to

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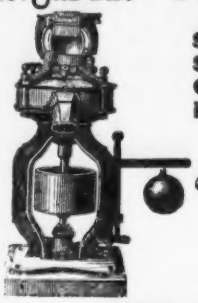

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Which requires no tool to Seal with.
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WITH PATENT LIP NOZZLE
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Made of Steel Stamping Tin; Case Double Thickness, sandpapered; Thoroughly Hooped Strong wood planed head on top; Bottom Secured by Heavy Inside and Outside hoops; Nailed through and through with clinched nails. The most desirable and safe can to ship in on the market, Trade discount named on application.
SIZES, 1, 2, 3, 5 and 10 GALLONS

Manganese ASPHALTUM VARNISH GUMS, &c
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Carnauba Wax.

This wax, the properties of which are ignored by our manufacturers, deserves none the less to be made known, on account of the numerous employments to which it can be devoted. It is gathered on the leaves of the Carnauba palm (Copernicia cerifera), which grows in the northern districts of Brazil, especially in the provinces of Ceara.

This tree is cultivated as follows: As soon as the leaves constituting the system terminating the head of the palm have spread out and commenced to form the fan they are cut, care being taken to leave the seed of the center (mougara), which is to give the system of leaves of the following shoot. To execute this work a garden hook is employed, fastened to a long bamboo handle. A skilled workman can cut thousands of leaves daily. The cutting of the leaves lasts six months.

The leaves are dried on the spot, being arranged in rows, the backs laid on the soil to prevent the wax from escaping by the opening of the angles of the fan. At the end of four days they are piled in heaps, and a cloth of sufficient size is put close by on the ground, around which two or three women place themselves in a position to be able to take the leaves easily, beat them with a stick, and shake them on the cloth, which catches the dust from which the wax is made. In order that this dust may be taken off more easily a man first cuts the leaves with a kind of stiletto into strips.

To collect the wax, this powder is at once melted in earthen or iron cauldrons. Only a few drops of water are added to the wax, which when melted is run into earthen moulds, where it formed into cakes of 2¼ lbs to 4½ lbs.

Each leaf gives 3·951 dms of wax. Carnauba wax is yellowish, hard very brittle, brilliant, and, as regards physical appearance, something between white wax and sulphur; its density is 0·999; it melts at 84° to 85°. Its chemical composition:

Carbon	80
Hydrogen	13
Oxygen	7

It is soluble in alcohol and ether, boiling. When cool the solution forms a crystalline mass.

Carnauba wax must not be confounded with the wax of the palm of New Granada (Leroxylon andicola), which melts at 72°.

Carnauba wax is employed for the manufacture of hard candles, brilliant gelatines for leather, curriers' black and certain varnishes.

For the manufacture of candles the Carnauba wax should be decolored. For this purpose animal black is used, oxygenated water, or bichromate of potash.

The wax is heated at 110° in an iron cauldron, from which it is slowly run through a clearance cock on to a cylindric filter containing animal black. This filter measures 8 feet 2·427 inches in height and 9·843 inches in diameter; it has a double casing in which steam circulates. Three passages generally suffice. Sometimes merely 10 per cent. of washed animal black is added in fine powder; after two hours stirring all is thrown on to a heated filter.

For bleaching in oxygenated water the wax is melted in a cauldron; it flows out through a special opening onto a grooved disc, animated with a rapid rotative movement, which divides it into dust and throws it into cold water.

This method divides the wax into small grains, which after being dried are put into oxygenated water of five to ten volumes in condensation saturated with ammonia or carbonate of soda, maintained at about 50°. Bleaching is made more intense by adding a bath of 5 per cent. of borax. The white Carnauba wax is then moulded for candles, which are very hard and difficultly run. But generally 20 per cent. of stearin or ozokerite is mixed with the wax, sometimes both.

The following, by way of example, is an English composition:

	Parts.
Carnauba wax	60
Stearin	25
Ozokerite	15

Brilliant paraffin is composed of

	Parts.
Paraffin	75
Carnauba wax	25

Encaustic varnish made with Carnauba wax gives much more brilliance than that made with ordinary wax. The following is a formula for its preparation:

Water	2 gals. 0·804 qts.
Carbonate of potash	2¼ lbs.
Wax	4½ lbs.

Brilliant gelatines are made by adding Carnauba wax encaustic to gelatine solutions. In this way white and colored gelatines are made much in use for dressing skins of all kinds.

Carnauba wax varnishes are made: 1. By saponification of Carnauba wax with a solution of carbonate of potash mixed with a small amount of caustic potash; 2. By decomposing this waxy soap with a metallic salt like alum, sulphate of copper, sulphate of iron, chloride of manganese, etc.; 3. By dissolving the precipitate thus obtained in benzine, spirits of turpentine, or of petroleum.

To conclude the subject of the applications of Carnauba wax, we shall remark that it is used for the manufacture of the Edison phonograph cylinders.—*Revue de Chimie Industrielle.*

The Lard Supply.

The following estimates of the stocks of lard held in Europe and afloat on the 1st inst. are furnished by N. K. Fairbank & Co., to which are added estimates of former years, and stocks in cities named:

	1893. Nov. 1.	1893. Oct. 1.	1892. Nov. 1.
Liverpool and Manchester	9,000	17,000	6,000
Other British pts	2,500	3,000	5,000
Hamburg	3,000	5,000	4,000
Bremen	500	500	1,000
Berlin	2,000	2,500	500
Baltic pts	7,000	4,500	5,000
Amsterdam, Rotterdam, Mannheim	2,500	2,500	3,000
Antwerp	1,500	1,500	4,500
French pts	4,500	6,500	12,500
Italian & Spanish pts	500	500	1,500
Total in Europe	33,000	43,500	43,000
Afloat for Europe	23,000	30,000	27,000
Total in Europe and afloat	56,000	73,500	70,000
Chicago	4,685	8,446	16,269
East St. Louis	100	.....	.....
Kansas City	1,161	268	.....
Omaha	704	777	.....
New York	6,233	9,065	5,645
Total tierces	68,883	92,026	91,914

	1891. Nov. 1.	1890. Nov. 1.	1889. Nov. 1.
Liverpool and Manchester	33,000	48,000	20,000
Other British pts	6,000	8,000	3,000
Hamburg	25,000	41,000	5,000
Bremen	1,500	2,000	500
Berlin	3,000	6,000	1,000
Baltic pts	15,000	27,000	7,000
Amsterdam, Rotterdam, Mannheim	1,500	1,500	800
Antwerp	20,000	35,000	9,000
French Ports	21,000	17,500	6,000
Italian & Spanish pts	1,000	4,000	750
Total in Europe	127 000	190,000	53,050
Afloat for Eur'pe	40,000	40,000	35,000
Total in Europe and afloat	167,000	230,000	88,050
Chicago	37,934	100,831	27,780
East St. Louis	.....	.....	.....
Kansas City	.....	.....	.....
Omaha	.....	.....	.....
New York	42,264	52,691	17,347
Total tierces	247,198	383,522	133,177

New Mining Enterprises.

The Kanaka Mining Co., Grass Valley, Cal., was incorporated Oct. 24, with a capital stock of $100,000.

The New York Placer Mining Co., San Francisco, Cal., was incorporated Oct. 26, with a capital stock of $9,000.

The Pine Mountain Mining & Milling Co., Big Pine, Cal., was incorporated Oct. 28, with a capital stock of $20,000.

The Normandie Gold Mining Co., San Francisco, Cal., was incorporated Oct. 27, with a capital stock of $10,000,000.

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is the "seller," and has the confidence of the trade and consumers. Merit always receives the proper recognition.

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In dull times to hold your trade unless you sell the best paints it is possible to manufacture? Prudent people count close these days and demand the best value for their money. They realize that economy does not mean a low price per gallon, but looks to the total cost of the job and the durability of the work. Practical tests have proved that "Town and Country paints" spread furthest and last longest. Hence their large sale in spite of dull times. Do you sell them?

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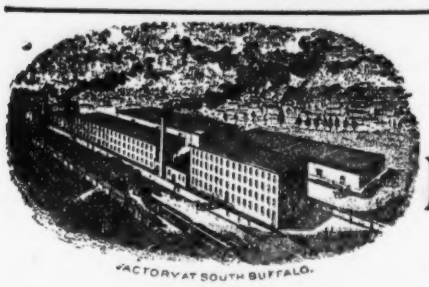
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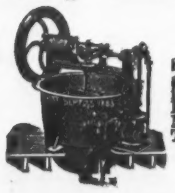

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Correspondence Solicited. Samples sent on application

OIL MARKET

Note—*Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures.*

Complete prices current will be found on page 41.

SATURDAY EVENING, Nov. 4, 1893.

Briefly reviewing the week in this department we find little that is new or interesting. The usual channels to consumption were open and goods to satisfy immediate requirements were in progress, mostly on the basis of former quotations, although in some instances fluctuations are to be noticed. Lard oil is quiet, cottonseed oil on spot sells fairly well. cocoanut shows signs of weakness, while linseed is about as last reported. The animal and mineral oils are unchanged.

Vegetable Oils.

Linseed.—Only a moderate jobbing demand is reported, as buyers are only taking such lots as their current wants require. City crushers are still maintaining previous quotations of 40c. at which they report a fair trade. Sales are reported of 3 cars of Western oil, in lots, at 38c. It is intimated that State oil has been sold in jobbing lots at a shade under this price.

Cottonseed.—Under increased receipts and lower prices named for lard and other kindred greases, the market is easier in all positions. Reports from Texas say that all sidings along the railroads are full of cars loaded with seed for the different mills. Owing to the high prices paid for seed it has come in from points never before reached, and the price of seed has declined from $18 00 to $13 00. Considerable business has been done in white oil for export direct from the mills on the basis of 44c, but at the close buyers views are somewhat lower. There is not much demand for "tank oil," even though the mills are anxious to do business at lower figures both for prompt and for future delivery. Early in the week 30c loose at Memphis was declined for 6,000 bbls of prime crude, at the close, however, it was reported that bids of 28@29c loose for prime crude, as to location of mills, was solicited without buyers. Our New Orleans correspondent wires: "Market quiet; crude 30@31c loose here; meal and cake $22 75, long ton f o b steamer." While there is more inquiry at the close for export, it is confined chiefly to extra grades of butter oil and choice lots of white oil. There has, however, been a few lots of off summer yellow taken, but at the close buyers had receded somewhat in their views, owing to the easy tone of the market for both prompt and for future delivery. On another page will be found an interesting statement of the lard situation by Messrs. Fairbanks & Co. The sales during the week have been light as compared with previous ones. 450 bbls of summer yellow were placed at 39c, also 100 do at 39c and 100 bbls of prime crude at 35c; also 1,000 bbls off summer yellow for export at 36c and 300 bbls of butter oil, also for export, at 42c. Soap stock has been rather quiet at 1⅝c, at which we note sales of 75 bbls. The market closes weak, prime crude at 35@36c; loose at mills, 28@30c, as to location; off crude, 30@34c, as to quality; summer yellow, 39@40c; off yellow, 34@36c, as to quality; butter oil, 41@42c; white oil, 44@45c; soap stock, 1⅝c. Messrs. Hopkins, Dwight & Co. in their review of the market, say: "Our market during the past week has been quiet, and closes with a dull and easier feeling, prime crude having sold at 35c, and prime yellow at 39c, a decline of one to two cents for the week. There has been some accumulation of stocks here during the week, but principally of refined oil. Exporters continue to buy sparingly, and the hand-to-mouth buying by the domestic trade, that has been noticed in previous circulars, also continues. There is, therefore, no life to the market, and sales cannot be forced, people not buying beyond their immediate needs. It is supposed that the price of spot lard is likely to decline as packers will sell freely while spot lard commands a premium over January contracts. It is also believed that many of the cottonseed oil mills, especially the larger concerns, want to see the price of oil go down temporarily in order to enable them to get seed at lower prices. There has probably been some accumulation of oil at the mills, and while there are increased offerings from the West, yet there has not so far appeared any great anxiety to sell. It is quite likely that lower prices will result should the receipts during the next fortnight be at all liberal, for buyers are holding aloof from the market at present, believing in lower figures. The general trade is improving slowly and there is still very little disposition to buy any merchandise with any great degree of confidence. Speculation is dormant and therefore any pressure of stocks is likely to give lower prices in any product. It seems, however, that there cannot be any very great decline at present because of the small stocks and steady inquiry for compound lard, due to the small supply of lard."

Exports of cottonseed oil from New York by countries:

	For week ending Nov. 9 1893. Gls.	Since Sept. 1. 1893. Gls.	Same time last year Gls
Africa	....	4,989	....
Argentine Republic	....	5,002	6,598
Australia	240	288	480
Austria	....	....	720
Belgium	....	....	4,100
Brazil	2,483	7,469	76,673
Br West Indies	4,672	16,571	41,643
Br Guiana	....	30,394	20,059
Canary Islands	....	....	....
Central America	....	595	200
Chili	....	....	....
China	....	....	....
Cuba	....	....	2,749
Dan West Indies	....	2,773	59
Denmark	....	....	...
Dutch Guiana	....	...	....
Dutch East Indies	....		....
Dutch West Indies	....	..	120
Ecuador	....	....	....
Egypt	....	....	....
England	....	280,473	361,602
France	12,813	191,394	619,808
French West Indies	4,004	7,659	8,308
Germany	....	293,325	41,740
Greece	....	...	....
Hayti	....	....	1,114
Ireland	....	....	....
Italy	....	73,195	966,721
Japan	....	....	....
Mexico	....	3,447	6,473
Netherlands	....	119,617	250,872
New Zealand	....	2,500	1,000
North America	....	1,350	2,567
Norway & Sweden	....	21,298	....
Peru	....	....	....
Phillippine Islands	....	....	....
Porto Rico	....	....	....
San Domingo	....	1,907	250
Scotland	....	....	....
Spain	....	....	....

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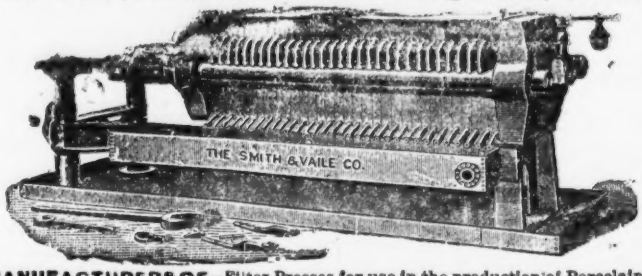

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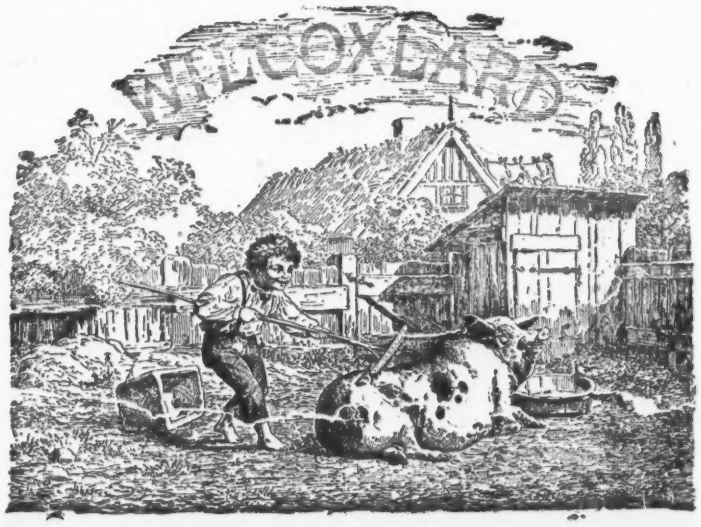

ROOM L

Produce Exchange

NEW YORK

Turkey	....	....	....
U. S. Columbia	....	....	....
Uruguay	...	....	1,242
Venezuela	....	....	....
Total	23,212	1,064,196	2,415,098

Exports of cottonseed oil from New Orleans by countries:

To	For week ending Nov. 9. 1893. Gls.	Since Sept. 1. 1893. Gls.	Same time last year. Gls.
Austria	....	118,850	....
Belgium	....	6,850	....
England	....	....	....
France	300,000	25,000	80,000
Germany	....	50,000	668,400
Gibraltar	....	....	....
Italy	....	....	92,000
Mexico	....	....	....
Netherlands	....	200,000	160,000
Portugal	....	....	....
Spain	....	....	....
Total	300,000	400,700	1,000,400

Exports of cottonseed oil from Baltimore by countries.

To	For week ending Nov. 9. 1893. Gls.	Since Sept. 1. 1893. Gls.	Same time last year. Gls.
Belgium	....	....	....
Brazil	....	....	502
England	....	5,250	....
France	....	....	....
Germany	....	....	600
Italy	....	....	..
Mexico	....	....	....
Netherlands	....	....	54,200
Total	....	5,250	55,302

Cocoanut Oil, &c.

Ceylon.—The market, owing to outside holders who are anxious to unload their stocks, is easier. Sales are reported of 100 tons from store at 5⅝c and at the close further lots were offered at 5⅝c. Outside of these lots the general quotation ranges from 5⅝@5⅞c, as to quantity and style of package. Cochin oil is weak and dull on the spot at 6⅛@6⅜c as to quantity and holder. For lots on way they are asking 6⅞@7c, as to quantity and date of shipment.

Olive.—The market remains very firm for spot oil at 60@62c, as to quality, at which a good jobbing demand is reported. Future shipments of new oil are very dull, and nominally quoted at 55c. Olive foots are selling only in a retail way from store at 5c. Shipments of new crop are quoted at 4⅝c, with 4½c bid and declined.

Animal and Fish Oils.

Cod Oil—Arrivals of new crop oil are coming to hand, but the market in consequence of no demand is wearing an easier appearance. It is now generally understood that the season's production was of good size, although the actual figures representing the quantity of oil pressed have not as yet transpired. Values are quoted at 38@40c, as to quantity.

Lard Oil.—The market for this oil continues quiet, although moderate quantities find a consuming outlet on the basis of 78c for prime grades of oil. This price also represents the asking price for western grades. Off grade oils are in light request momentarily with occasional concessions granted in order to effect sales. Extra No. 1, 53c; No. 1, 45c, and No. 2, 40c, as to quantity and quality.

Menhaden Oil.—Sales transacted during the week foot up 1,000 barrels, at the regular prices. Fishing has practically ceased for this year, most of the steamers having discharged their cargoes and laid up for the winter. The coming week will in all probability result in the few remaining vessels following suit. Stocks in the hands of fishermen are said to be of fairly good proportions. The exact amount, however, has not as yet been ascertained. Scrap was in fair demand, but, as the stocks are small, the distribution is represented by a small volume. The manufactured oils command some little attention, although individual transactions are yet confined to parcels for immediate requirements. We are quoted prices as follows: Brown strained, 36@37c; light strained, 38@39c; bleached winter, 42c; extra bleached winter, 43c, and extra bleached winter white, 44@45c, as to quantity and quality.

Red Oils.—The past week has not developed any new features as regards the demand, saponified red oil being in moderate request only, stocks varying considerably as to brand. Elaine sells in a jobbing way at former prices. Saponified is now quotable at 5@5⅛c as to quantity and quality.

Neatsfoot Oil.—The demand continues to be light although the usual parcels for immediate wants were in progress to consumers. Stocks are said to be small, in consequence of which offerings are very light. Values remain at 65c for prime, 58@60c for No. 1, and 50@52c for No. 2 as to quantity and brand.

Sperm Oil.—The crude sperm oil market at New Bedford has been very dull and wholly without sales of any nature. Holders are very firm with a prospect of better prices. Locally, but little has transpired in the way of sales, the movement to consumption being solely through the regular channels with the inquiry developing little in the way of new demand, and prices strictly on the basis of old quotations. Quotations are as follows: Crude, 65@68c; natural winter, 73@75c; bleached winter, 78@80c; natural spring, 68@69c; bleached spring, 73@75c, as to quantity.

Whale Oil.—From New Bedford we are advised of a market, dull to almost stagnation. The prospect as now viewed gives little encouragement for the future. In the manufactured oils, dealers report little trading, the usual jobbing business showing, if anything, contraction. This is mainly due to the report of large quantities of oils on the seaboard which sooner or later must be placed on the market for consumption. We quote, natural winter, 45@46c; natural spring, 44@45c; bleached spring, 47@48c; bleached winter, 48@50c, and extra bleached winter, 50@51c, as to quantity and seller.

Whalebone.—A sale is reported of 6,000 lbs of bone at $2. This is the last of 25,000 lbs at that price. The news received from the West places the available supply for the next year at 350,000 lbs of whalebone, 150,000 lbs being held by steamers who will winter in the Arctic ocean. Dealers who claim that the crop is not over large are inclined to higher values, and we have to note an advance equivalent to 50c, which occurred during the past week.

Mineral Oils

Black.—The movement was through the regular channels, purchasers being regulated by the necessities of consumption. Such sales as were in progress were transacted on the regular basis of prices.

Cylinder Stocks.—Moderate supplies only were distributed, the volume, owing to the lessened wants of consumption, proving to be of meagre proportions. Values remain unchanged.

Filtered Oils.—Manifestations of activity are yet in abeyance, orders being regulated by current requirements with buyers satisfied to pay full prices rather than anticipate future necessities. Values are quotably unchanged.

Paraffine Oils.—The usual distribution was in progress to alleviate the immediate necessities of the trade but the requirements of consumption having been, to a degree, lessened the volume representing the week's work shows curtailment. In the absence of important demand prices are more or less nominal.

Wax, Lard, Tallow, &c.

Paraffine Wax.—The movement is represented by the distribution of fair proportions, but current inquiry is developing little important demand. Crude continues to sell on the former range of 3¾@4c, with refined in moderate request at unchanged prices.

Lard.—The market exhibits a speculative tendency, with a fair business transacted. Cash was in moderate request, with the volume not exceeding that of former weeks and values displaying a tendency to weakness. Spot lard is quoted at 9 70c, city selling at 8¾c. Options are 9 65c for November and 8 75c for January.

Tallow.—Offerings are more liberal, but there is yet some difficulty in securing desirable parcels at reasonable prices. Sellers manifest a desire to advance the quotations on their holdings, asking 5¼c, but buyers are not disposed to bid higher than 5⅛c.

Stearine.—The market is more quiet, both lard and oleo stearine showing an inclination to lower values. Lard may be quoted at 11c for best brands. Oleo drags along, prices declining intermittently, the closing market bespeaking nothing higher than 10c here.

Oil Cake, Meal, Etc.

Linseed Cake.—There was manifestly a better demand from continental sources for supplies of cake, and a good movement was in progress. Western is held at $26 50 for most brands, though some prime cake is selling at $26 75. City is held at $26 75 for all grades. Freight rates are higher, this accounting for the lower values in cake, the range being from $26 50@26 75 from good to best brands.

Chicago Oil Market.

[Special to the REPORTER.]

Linseed Oil.—The market during the past few days has shown more activity. It would occasion no surprise had the price of oil appreciated in proportion to the improvement in inquiry, yet rather the reverse must be noted. The local market is far from strong at 35@36c, with the National Company in the market as sellers at the inside. The rate varies somewhat, as to buyers. The outlook is rather better on the whole than it was a week ago, yet the manufacturers and grinders are cautious.

Flaxseed.—This week's movement has not been so active. Receipts for the past six days have been 80,713 bu less, while the decrease in shipments has been 477,281 bu. The subjoined statement presents a summary of the official daily postings for three weeks past:

Week ending	Receipts. 1893.	1892.
Nov. 8	539,487	428,631
Nov. 1	620,090	433,667
Oct. 25	493,134	367,800
Week ending	**Shipments. 1893.**	**1892.**
Nov. 8	210,604	538,215
Nov. 1	687,885	151,399
Oct. 25	351,635	253,050

The registrar of flaxseed reported an increase of 64,358 bu in regular stocks and a decrease of 20,605 bu in the amount of seed in special bins. This represents a net gain of 43,762 bu, as contrasted with a decrease of 110,606 bu during the corresponding week of last year. As compared with a year ago the visible supply is 964,428 bu less, the ratio being about one to three and one-half. The appended table shows the quantity (in bushels) and grade of seed at Chicago on the respective dates named.

Grade.	Nov. 6. 1893.	Oct. 30. 1893.	Nov. 3. 1892.
No. 1	428,901	420,228	1,357,012
Rejected	7,024	5,339	67,218
No grade	609	609	13,037
Reg. stocks	490,534	426,176	1,437,267
Special bins	3,586	24,191	14,281
Total	499,120	450,367	1,478,548

Arrivals continue very liberal, having aggregated 813 cars, of which 799 were of No. 1. Inspections in, however, have fallen nearly two hundred cars below those of last week. As yet there is no basis for predicting any decided interruption to the free shipments from the growing districts of the Northwest. The outward movement, while about equal to the average for the season, has fallen considerably below the extraordinary showing of last week. "Inspections out" have been (with the exception of 41 cars of rejected seed) confined to flax of contract grade. Shippers have manifested little interest, and only a small quantity of vessel room was engaged. The following tabular statement shows the number of bushels actually inspected out, together with the quantity sent forward without inspection:

Week ending.	Inspected out.	Not inspected.	Total.
Nov. 8.	302,368	34,100	336,469
Nov. 1	570,267	22,550	592,817
Oct. 25	321,542	26,400	347,942
Oct. 18.	313,127	20,900	334,071

The market for cash seed has exhibited more than customary activity, as well as considerable firmness. Trading has been confined almost wholly to No. 1 seed, although one car of no grade brought 91c, and seven bags of inferior flax (not graded) sold at 90c. On the floor of 'Change the demand was chiefly from local operators. Reported transactions in No. 1 foot up 19 cars and 123 bags. Opening at $1 01, the market advanced to $1 03, declined to $1 01, and recovered to $1 03, making the range for the period under review $1 01@1 03, as against $1 08⅛@1 10⅝ for the corresponding period of 1892. The preponderance of this week's open sales have been at $1 02. Comparatively little interest was shown in the speculative market. Trading was confined chiefly to December and May deliveries, the only other option mentioned being November, five thousand bushels of which found a purchaser at $1 01, or about the market price of cash seed on the date of sale. Of December flax, 97,000 bushels were reported sold at prices ranging from $1 02 up to $1 03, declining to $1 01⅛, and later recovering to $1 02. Only a small amount changed hands below $1 02⅝. May was rather quiet. Reported sales of this delivery footed up only 32,000 bushels, and values ranging between $1 01⅛@1 10⅝, sales being chiefly at the outside. On the whole, the difference in favor of future deliveries over cash seed has been about equal to the carrying changes. The market today, although opening quiet, gradually developed more strength. Cash seed and near futures appreciated about ¼c, although May flax showed no appreciable change. Offerings were light, but the demand was good. No. 1 opened at $1 01, and advanced to $1 01⅛, closing at the outside. December sold at $1 02⅝ sparingly, and a little May sold at $1 10@1 10⅛. Arrivals were 180 cars, and the outward movement 99,000 bushels.

Oil Cake.—This market shows decided firmness and a slight advance, there being a good inquiry for export at $24@24 25, with the markets of Great Britain and the continent on about a parity. The output is being increased, but not at a rate sufficient to afford any prospect of accumulation in view of the enlarged consumption both at home and abroad. Exporters are bidding for shipments from the seaboard all through the current year at about current rates. The total exportations since January 1, 1893, have been but 6,005,059 pounds as against 15,212,067 pounds for the first ten months of 1892. The inquiry for meal has likewise improved, and in consequence prices have appreciated to $25 per ton. Even at the advance a better current business is reported to-day than a year ago.

Oleo Oil.—The market, both for local consumption and for export, has shown symptons of continued firmness. Notwithstanding the fact that stocks in Holland are ample, and despite the fact that this week's exports have been light, the Rottendam market has appreciated to 69@70 fl., for extra grades. Exports have been only moderate, those for the period under review having amounted to 3,340 tcs. Inquiry abroad has been checked by the advance in values and the volume of sales has proportionately declined. Reported transactions are estimated at some 1,100 tierces only. There have been moderate sales of medium grades in the Dutch market at 63@66 fl. To-day's cables indicate firm holdings and an unsettled feeling among buyers.

Lard Oil.—Beyond a few transactions in January the speculative market has ruled nominal. Cash lots have been in fairly good supply, and sellers have been more numerous, but the demand has been mainly on shipping account and largely for export. As a whole the week has been a quiet one, yet prices have generally held their own in consequence of a fair support received from the local packing interest. To-day offerings were scarce, yet early in the session there was developed a steadiness which continued to the close. The market for January lard advanced slightly and without reaction closed 70c per 100 lbs higher, with $8 50 about the final quotation. November was steady at about $9 25, or 7½c higher. May lard was inactive, closing nominally at $8 50. Altogether the demand has been fair, and quotations for regular to choice at the close were $9 25@9 60. Oleo stearine is dull and weaker there being more sellers than buyers. The few sales reported have been at 9½@10c, the market closing with the inside sparingly bid. Greases of all kinds are slow of sale, but nominally unchanged. Little inquiry is heard and the market rules easy. White is quoted at 4¼@5c; yellow is little sought at 3¾@4c, while brown "goes-a-begging" at 3¼@3⅜c. For lard oil there is only a tame inquiry. Pressers are conservatively limiting the output, however, with the result that while not more than one-half the quantity is being sold that there was a year ago, stocks are being absorbed very nearly as rapidly as made. Extra commands 80c; extra No. 1, 55c; No. 1, 35@36c, and No. 2, 31@34c, according to quality and the exigencies of the buyer.

Neatsfoot Oil.—The same dull, featureless condition prevails as at the date of the last writing. Only consumptive inquiry is heard, and that is reduced to a minimum. Prices, however, are fairly steady. Pure is still held at 50c, while an excellent No. 1 is slow of sale at 40c.

Tallow Oil.—Not much inquiry has been heard for tallow, which may be quoted as dull, but fairly steady at about the figures given. Packer's No. 1, 5¼@6⅜c; packer's No. 2, 4⅝@4¾c; country No. 1, 5@5¼c; country No. 2, 4¼@4½c. It will be seen that average quotations are a shade lower, particularly for city makes, with sales largely at the inside. Tallow oil is moving into consumption at about a normal gait, and may be quoted as tolerably firm at 50c.

Boston Oil Market

[Special to the REPORTER.]

Cod.—This oil continues easy, and it is now generally understood that there is plenty of oil, and that it is coming forward. This prediction was scouted early in the season when some claimed that there was a short catch; while the belief that there was plenty of oil, but that it was being held back, which was advanced against the other theory, now seems to have been the nearest correct. Labrador and Newfoundland are quoted at 40c.

Degras.—This oil holds steady, with a good request for the high grades. There is still some cheap German offered, but it is not freely taken. German and American, 2¾@2¾c; English, 2¾@2¾c; French, 8@10c.

Linseed.—The market for this oil holds steady, and there is a continued very satisfactory demand, with the price steadily held at 40c.

Menhaden.—The market continues dull, with scarcely more than a jobbing trade going on. The outlook is for a good supply, and most reports from the fishermen speak of good catches. The price of all oil offering, both foreign and domestic, is quoted at 37c.

Sperm.—It is reported that the catch of whales this season is one of the largest for many years, and lower prices are looked for. At present the demand is small, with prices fairly steady, but unchanged. Bleached, 82@84c; natural winter, 77@79c; crude, 70@71c.

Whale.—The feeling is easier for the same reason that easier prices are looked for in sperm oil—a large catch of whales. Trade is quiet and of jobbing dimensions. Crude, 45c; natural winter, 47c; bleached, 50c; extra bleached, 52c.

St. Louis Oil Market.

[Special to the REPORTER.]

Linseed Oil.—The linseed oil market is practically in the same position as for the past month. There are no speculative influences at work as a distrbuing element, and general quotations are 38c for round lots. Occasionally a sale is rumored to have been made at a less figure but there is no way of verifying it, and taking all things into consideration the market may be quoted as firm at the above figures.

Faxseed.—The flaxseed market has been quiet, with prices unchanged, the figures given in our last holding good to date. Receipts for the week were about 5,500 bushels, making total receipts to date 325,960 bushels, as compared to 665,270 bushels for same time last year.

Castor Beans.—Trading since our last has not been as brisk as was anticipated, the market being rather quiet, with only an occasional sale. Ruling quotations are $1 25 for prime in car lots, which was the basis of such sales as were effected. Receipts for the week were 3,778 bushels, making total receipts to date 49,216 bushels, as against 36,695 bushels for same time last year.

Castor Oil.—The market is again in a very firm position with a good inquiry noticeable. Prices continue at 14c for best grades and 11c for No. 3.

Lard Oil.—The market is firm and a moderate inquiry exists for supplies for consumption. There has been no change in prices which rule at from 72@75c according to brand for best goods.

NAVAL STORES

Note—*Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures.*

Complete prices current will be found on page 41.

SATURDAY EVENING, Nov. 11, 1893.

Spirits Turpentine.—The values for these spirits have advanced ½c over last week's quotations, the closing values being 30½c for regulars and 30¾c for machine barrels. The demand was good during the early part of the week, but toward the close business dragged somewhat, due to weaker advices from primary sources. Savannah quoted 28½c for regulars on Thursday, with sales of 1,000 barrels at that price.

Rosins—The market was firmer both as regards demand and prices. The small amount of stocks on spot, however, had a restrictory influence on the demand, and the distribution in consequence shows a curtailed volume for the week. Values locally are slightly advanced on most grades, primary sources announcing a steady demand, with values firmly maintained. We quote prices as follows: Common, $1 22½; good strained, $1 25; E, $1 35@1 40, F $1 50, G $1 65, H $1 75@1 80, I $2 15, K $2 60, M $3 20, N $3 75, W G $4 10, W W, $4 30, as to quantity.

The statistical position of naval stores in New York for week ending Nov. 11, 1893, as given by Messrs. Geo. L. Hammond & Co., was as follows:

	Rosin. bbls.	Turpentine. bbls.	Tar. bbls.
Stock reported Nov. 3, 1893...	16,696	1,008	1,023
Receipts.....	2,464	783	852
Deliveries	2,589	926	137
Stock in yard Nov. 10, 1893..	16,571	865	1,738
Transfers.....	45	....	80

STOCK ON HAND AT

	Spirits. bbls.	Rosin. bbls.
New York, Nov. 11.....	865	16,571
Wilmington, Nov. 10...	2,437	39,404
Savannah, Nov. 9	23,654	134,723

SAVANNAH NAVAL STORES STATEMENT, NOV. 9, 1893.

	Spirits.	Rosin.
Stock on hand April 1	7,443	68,573
Received yesterday...	942	3,080
Received previously..	207,134	580,218
Total.....	215,519	651,871
Exported to-day.....	....	4,026
Exported previously..	191,872	514,122
Total.....	191,872	518,148
Stock on hand and on shipboard to-day.....	23,645	134,723
Stock same day last year	13,259	98,537
Received same day last year.....	1,276	1,904

Price spirits turpentine same day last year, 27½c.

LEWIS K. DAVIS
Engineer
Washington Building, New York.
SPECIALTIES—White Lead, Linseed Oil, and Cotton Oil Plants designed, erected and placed in successful operation. Inspection and reports on plants for purchasers, etc.

TRADE ITEMS.

Mr. Richard Brandt, of the firm of Messrs. Hamilton H. Salmon & Co., arrived home Saturday after quite an extended business trip abroad.

There was quite a large meeting of cottonseed shippers at Sandersville, Ga., on the 2d inst., representatives from all along the line of the Central Railroad being in attendance. The object of the meeting was to discuss the serious predicament in which, as the shippers stated, they had been placed by the oil mills of Georgia. They complain that the oil mills have combined to fix the price of seed, thereby shutting out all competition, and as a result the producer and shipper of cottonseed is at the mercy of the mills. The shippers allege that the mills of Alabama and other States are paying $16@20 per ton for seed, while the mills of Georgia only offer $11 per ton.

D. C. OATMAN
MERCHANDISE BROKER
And Manufacturers' Agent
13 Ellicott St., Buffalo, N. Y.

CONE TOP OIL TANK.
50 GALLONS.

Price, with 2 Pumps, Measuring and Lift.....$20 00

THIS Tank is first-class in every detail of construction, with gauge rod and wood bottom under the metal. It is made from the best Galvanized Iron, No. 26 in body and No. 24 in bottoms. Its capacity is sufficient to hold the largest sized barrel, and leave a surplus to "come and go" upon.

Handsomely painted green, with black striping, and ornamented with pictures.

1 ¼ inch Pump for emptying barrels included without extra charge.

Diameter, 25 in.; height of body, 32 in.; total height, 50 in.; weight in shipping order, 65 lbs.

F. C WILSON & CO.,
Mfrs. of Oil Tanks and Pumps.
CHICAGO

WANTS

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Of experience with established trade can secure good positions with a representative house: reference required, communications received in strictest confidence. Address "VARNISH" care of this paper.

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A lot of electric light stands, sockets and shades for sale cheap; in use only a short time; can be seen at the office of this paper, 72 William Street, N. Y.

WANTED.
A gentleman representing a large eastern chemical house in Chicago would like additional agencies in the drug, chemical, paint or paper manufacturers' materials line. Address "AGENT" room 202, Herald Building, Chicago.

IN GERMANY
graduated chemist (Dr. phil.) with 6 years' experience, being since three years chemist in one of the best known chemical factories (color branch) of North America, is open for engagement; also as analytical chemist. Address "T. T.," care of this paper.

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Manufacturing pharmacist and chemist with experience is open for engagement; please correspond with GEO. "h" 51 West 4th street, N. Y.

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A large paint factory situated on B. & O. and Penn. R. Rs., all modern machinery and power ready to operate; also large facilities for making ready mixed paints. Address CHAS. K. SMITH, 123 Arch St., Phila.

FOR SALE.
Soap factory at Buffalo, N. Y., with established trade. Address "B. B." care of this paper.

TRUSTEE'S SALE OF EXTENSIVE
Chemical Works, near Pittsburg, Pa. The undersigned, Trustee for the Bond holders, will expose at Public Sale in the Chamber of Commerce Rooms, Wood Street, Pittsburg, Pa., on Thursday, Nov. 23rd, A. D. 1893, at 11 o'clock A. M., the extensive plant known as the Butler Chemical Works, situate adjoining the Town of Butler, Pa., about 40 miles from the City of Pittsburg, Pa., and embracing all the buildings, stills, tanks, engines, boilers, work shops, 5 salt wells, and pipe lines, with the entire equipment belonging to the works and including about 9 acres of ground, situate on two lines of railroad with switch into the property. The situation for carrying on the manufacture of chemicals is regarded as eminently desirable, being in the center of the great salt fields of Western Pennsylvania, with coal, natural gas, limestone, timber, &c. Low taxes and plenty of skilled labor in the district. This is a rare chance to secure a large chemical plant at a bargain, as it must be sold. For further particulars address either F. R. Shattuck, N. E. Corner Fifth and Chestnut Streets, Philadelphia, Pa.; Jas. W. Drape & Co., 313 Wood Street, Pittsburg, Pa., or J. H. Troutman, Butler, Pa.
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PETROLEUM MARKET.

SATURDAY NOON, Nov. 11, 1893.

While the operators on 'Change were principally engaged in discussing the political situation on Monday, they nevertheless paid considerable attention to all the phases of the petroleum situation and managed to have a few transactions recorded, something which is of rather unusual occurrence of late. Tuesday was observed as a holiday, and on Wednesday there was the usual amount of good natured bantering and paying of bets. The extras were in greater demand and the tape giving current news was scanned more closely than was that giving news from the fields and the Western petroleum exchanges. Later, interest seemed to develop and there was considerable bidding, which resulted in some sales with the market steadily hardening, notwithstanding that refined was persistently quoted at the old figure. The field situation in Pennsylvania is regarded as warranting a 75c basis but some of the other sections of the oil producing territory are not favorable to higher prices. Thus from Indiana reports have come of the finding of rather exceptionally good wells for that section, and that state must now be regarded as one of the important factors. What the resources of that state may amount to is, of course, conjectural, but as comparatively little work has been done it may at any time blossom forth as a market breaker. While the total business for the week has not been large there has been more bidding and more indications of a desire to trade, which some regard as a forerunner of an improvement, but then "all signs fail in dry weather" and a long dry spell has prevailed in speculative petroleum circles, both here and at the west. The transactions during the past week show a decrease from those of the previous week, the sales footing up 26,000 bbls against 48,000 bbls for the preceding week. The clearances of the local exchange amounted to 0,000 bbls against 28,000 bbls during the preceding week. The total clearances reported for the Oil City exchange amounted to 150,000 bbls, against 50,000 bbls for preceding week. The highest price of the week was recorded on Friday, when 73⅛c was reached. The lowest point of the week was 72⅝c, and was touched on Wednesday. The opening price last Monday was 72½c, and the close this noon was at 73c, showing a gain of ⅜c as a result of the week's trading, while the extreme range of fluctuations for the week was ⅝c. The range during the corresponding week last year was 51⅝@52⅛c.

Following is given the opening, highest, lowest and closing figures for each day, in tabulated form for comparison:

National Transit.

	Opening.	Highest.	Lowest.	Closing.
Monday	72⅝	72⅝	72⅛	72⅝
Tuesday	—	—	—	—
Wednesday	72⅝	72⅝	72⅝	72⅝
Thursday	73	73	73	73
Friday	73	73⅛	73	73⅛
Saturday	73	73	73	73

The amount of daily sales and total for the week follow:

	N. Y.
Monday	10,000
Tuesday	....
Wednesday	0,000
Thursday	1,000
Friday	15,000
Saturday	0,000
Total for the week	26,000

The clearances at the several exchanges were as follows:

	New York.	Oil City.
Monday	0,000	32,000
Tuesday	....	....
Wednesday	0,000	72,000
Thursday	0,000	6,000
Friday	0,000	20,000
Saturday	0,000	24,000
Total week	0,000	150,000

Following is the range of prices of National Transit certificates during the corresponding week last year:

Nov. 7	51⅝@52
" 8	— @—
" 9	52½@—
" 10	51⅞@—
" 11	51⅝@—
" 12	51⅝@51⅞

REFINED AND PRODUCTS.

The movement of refined for export during the past week has been confined almost wholly to shipments in bulk, but few orders being placed for barreled oil, notwithstanding that prices have remained unchanged in face of the steady upward movement in the speculative market for certificates. Shippers are probably satisfied that no immediate advance will take place, although this has been expected for some time. The total engagements for the week amount to about 160,000 barrels. The price of barreled oil has remained unchanged at 5·15c for New York loading, and 5·10c for Philadelphia loading. Bulk oil has also been steady at 2·65c. The principal foreign markets are steady. To-day's quotations by cable were: Antwerp, 11⅛f; Bremen, 4·35m; London, 3⅞d, and Liverpool, 4@4⅛d. Freight rates have been steady at 1s 9d@2s hence to London, and 1s 9d@3s to Continental ports, as to port and vessel. Home trade lots have been in active request and are firm on the basis of 7⅝@7⅞c for 150° water white, and Western at 7⅜@7⅞c, with most sales reported at the outside figures.

Cases for export have been in active request, and sales of over 400,000 are reported. The price for plain tops has been steady at 5·90c. Freight rates are steady. The nominal rates for large vessels are: For Java, 16@18c; Japan, 19@20c; Yokohama, 22@23c; Calcutta, 15@17c, Bombay, 16@17c; Rangoon, 16@17c, Singapore, 19@20c; Hong Kong, 18@19c, and for Shanghae, 23@24c; Penang, 19@20c.

Crude for export has been in light request, and sales of about 10,000 bbls are reported. Washington crude is quoted at 5·50c in bbls and 3·00c in bulk. Cases for export have been neglected, and no sales are reported.

Prime city naphtha has remained unchanged at 5·50c. For export no sales are reported.

Western residuum is nominally quoted at 2⅝@2¾c in bulk at seaboard. Barrels are quoted at 5@5⅛c. Lima residuum is offered at 4⅝@5c in barrels.

Closing Quotations.

CRUDE.

National Transit Certificates ₩ bbl	73 @73⅛
Washington crude in bbls....₩ gal.	5·50
" " bulk	3·00
Residuum, bbls., for export	5 @5⅛

REFINED FOR EXPORT.

Cargo lots, for export....₩ gal.	—@5·15
Philadelphia loading	—@5·10
In bulk	2·65

REFINED—JOBBING LOTS.

110 fire test, S. W....₩ gal.	6⅝@ 6⅞
120 fire test, S. W	6⅝@ 6⅞
130 fire test, S. W	6⅝@ 7
150 fire test, W. W	7⅛@ 7⅜
300 fire test	9 @10

REFINED IN CASES, 110 FIRE TEST.

Two-five low screw, cargo lots	5·90
5,000 to 10,000	6·00
1,000 to 5,000	6·10
700 to 1,000	6·20
400 to 700	6·30
300 to 400	6·40
200 to 300	6·50
100 to 200	6·85
Under 100	7·10

NAPHTHA AND GASOLENE.

Naphtha, c'de, cargo lots, 68@74 deg.	5·50
Naphtha, crude, car lots, 68@72 deg.	@5·50
Naphtha, crude, 70 deg	5⅝@ 6⅛
sweet 62 deg	6⅝@ 7
70 deg	7⅛@ 7⅜
76 deg	7⅛@ 7⅜
Gasolene, 82 deg	12 @14
88 deg	14 @16
90 deg	17 @19

Petroleum Statistics.

RUNS—TOTAL AND AVERAGE.

	Day.	Total.	Av'ge.
Fri., Nov. 3	67,170	196,188	65,663
Sat.Sun. " 4&5	76,655	268,500	61,416
Mon. " 6	95,856	292,844	58,569
Tue. " 7	66,043	434,543	62,078
Wed. " 8	71,544	506,087	63,261
Thurs. " 9	....	.....	....
	1891.	1892.	1893.
January	2,859,052	2,943,665	2,385,514
February	2,345,913	2,880,238	2,332,368
March	2,519,354	2,842,280	2,714,539
April	2,490,018	2,767,661	2,457,054
May	2,405,079	2,694,720	2,618,689
June	2,433,992	2,683,334	2,644,052
July	2,593,857	2,697,498	2,635,707
August	2,549,785	2,790,482	2,752,364
September	2,930,152	2,628,093	2,647,536
October	3,670,111	2,661,869	.....
November	4,058,412	2,599,268	.....
December	3,851,216	2,612,296	.....
Year	34,506,976	32,742,008	.....
Average	2,875,581	2,728,500	2,676,424

DELIVERIES—TOTAL AND AVERAGE.

	Day	Total.	Av'ge.
Fri. Nov. 3	83,539	256,870	85,623
Sat.Sun. " 4&5	113,508	384,573	76,914
Mon. " 6	127,703	512,276	85,379
Tues. " 7	69,511	581,787	83,1[illegible]
Wed. " 8	112,226	694,013	86,751
Thurs. " 9	....	....	....
	1891.	1892.	1893.
January	2,468,390	2,411,932	2,951,832
February	2,169,408	2,439,772	2,582,735
March	2,427,186	2,534,219	2,840,448
April	2,156,632	2,334,265	2,665,316
May	2,023,156	2,274,439	3,033,710
June	2,128,370	2,105,319	3,072,666
July	2,161,559	2,310,616	3,318,320
August	2,390,127	2,622,686	3,247,322
September	2,668,874	2,762,710	2,996,305
October	2,783,343	2,921,332	.....
November	2,590,507	2,911,907	.....
December	2,773,529	2,966,921	.....
Year	28,761,080	30,502,118	....
Average	2,398,756		2,967,684

CHARTERS—TOTAL AND AVERAGE

	Day	Total.	Av'ge.
Fri. Nov. 3.	57,436	183,372	61,124
Sat.Sun. " 4 & 5	57,778	241,150	48,230
Mon. " 6.	59,008	300,158	50,026
Tues. " 7..	.....	300,158	42,879
Wed.. " 8..	106,666	406,824	50,853
Thurs. " 9..	142,539	549,363	61,040
	1891.	1892.	1893.
January	1,512,616	1,578,601	2,165,942
February	1,640,444	1,323,079	1,838,683
March	1,122,087	1,563,990	2,135,452
April	1,295,542	1,542,890	1,725,033
May	1,332,532	1,225,298	2,033,197
June	1,414,565	1,680,760	2,509,249
July	1,274,512	1,508,720	1,767,699
August	1,775,967	1,517,313	2,095,302
September	1,484,543	1,661,338	2,519,260
October	1,581,859	1,761,379	2,464,518
November	1,427,902	1,961,580	.....
December	1,693,827	1,746,044	.....
Year	17,320,296	19,070,984	.....
Average	1,443,358	1,589,248	2,095,533

CHARTERS FOR THE WEEK.

The total charters for refined in barrels and cases, crude in barrels and cases, naphtha &c., during the week ending November 10, and from January 1, were as follows:

	Week.	Year.	1892.
Refined, bbls	166,000	7,776,200	6,572,300
Refined, cs	427,000	22,621,000	12,429,000
Crude, bbls	2,900	1,455,300	1,523,200
Crude, cs	....	115,000	220,000
Naphtha, bbls	....	198,000	188,500
Residuum, bbls	....	5,000	..
Lubricating, bbls	....	28,700	78,800
Barrels, cde eq	402,499	21,312,407	16,366,787

CLEARANCES FOR THE WEEK.

During the week ending Nov. 10, and since Jan. 1, the clearances of petroleum, in gallons, from the port of New York were as follows:

	Week.	Year.	1892.
Refined	10,719,158	384,601,606	314,791,047
Crude	149,034	6,463,079	20,180,456
Naphtha	1,000	7,678,107	12,788,934
Residuum	....	253,450	130,925

EXPORT STATISTICS

The following table shows the total exports from the port of New York and from the United States, reduced to crude equivalent, in gallons, for the week ending Nov. 10; also total shipments to date, with comparisons with 1892:

From N. Y. for week ending Nov. 10	14,441,244
Total from N. Y. from Jan. 1, 1893	526,431,000
Same period last year	439,998,434
Increase	86,432,566
From U. S. for week ending Nov. 10	26,838,716
Total from U. S. from Jan. 1, 1893	883,405,733
Same period last year	708,531,622
Increase	174,874,111

TOTAL EXPORTS FROM DIFFERENT PORTS.

	1893	1892
New York	526,431,000	439,998,434
Philadelphia	324,662,155	250,388,876
Baltimore	30,324,393	15,878,929
Boston	1,500,386	2,043,512
San Francisco	279,219	271,841
Grand total	883,405,733	708,531,622

CAPACITY OF VESSELS LOADING.

The following table gives the capacity of the vessels loading petroleum at the ports of New York and Philadelphia, on November 10:

	NEW YORK.		PHILADELPHIA	
	Bbls.	Cases.	Bbls.	Cases.
Refined	65,500	1,467,000	42,500	535,000
Crude	....	....	49,500	....
Naphtha	7,500	....	6,500	....

Foreign Quotations.

REFINED.

	Antwerp.	Bremen.	London
Monday	— @11⅛	4.35	3⅝@ —
Tuesday	— @11⅛	4.35	3⅝@ —
Wednesday	— @11⅛	4.35	3⅝@ —
Thursday	— @11⅛	4.35	3⅝@ —
Friday	— @11⅛	4.35	3⅝@ —
Saturday	— @11⅛	4.35	3⅝@ —

Petroleum Charters.

NEW YORK.

Following is a list of vessels chartered and loading or to load petroleum at New York Philadelphia, Baltimore and Boston. Quantities refined in bbls., unless stated otherwise.

May 18
Br shp Lancing, Calcutta, 14c.....cs 95,000
June 30
Br bk Anamba, Java, 19, 20 & 21c.....cs 40,000
July 6
Br bk Balmoral, Calcutta, 15c.....cs 100,000
Br bk County of Anglesea, Java, 20, 21 & 22c.....cs 35,000
Aug 3
Br shp East Lothian, Java, 20, 21@22c.cs 55,000
Aug 23
Br bk Semantha, Hong Kong 18c, or Shanghae 23c, or Japan 19c.....cs 90,000
Aug 24
Br shp Brandomeire Shanghai, 23c..cs 77,000
Br shp Wray Castle, Hong Kong 18c, Shanghai 23c, or Japan 19c.....cs 70,000
Sept 6.
Br bk Moel-y-don, Penang or Singapore, 18@19c.....cs 40,000
Sept. 13.
Br bk —— London, 2s.....7,000
Sep 15
Br shp Buccleugh, Java, 17, 18, 19c....cs 77,000
Sept 22
Br str Bidston Hill, Hong Kong 18c, Shanghai 23c, or Japan 19 & 20⅝c.cs 95,000
Sept 25
Br bk Famenoth, Penang or Singapore, 17⅝@18⅝c.....cs 40,000
Sept 27
Br str Argyll, China and Japan, p t..cs.100,000
Sept 28
Ger shp Henrietta, Japan, 19c.....cs 70,000
Sept 29
Br shp Macduff, Manila, 20⅝c.....cs 50,000
Oct 3
Br shp Lauriston, Shanghai, 22c.....cs 85,000
Br bk Montgomery Castle, Barneo and Sumatra, 24c.....cs 37,000
Ger bk Elizabeth, Java, 16 17 & 18c...cs 40,000
Br bk Belmont Java, 17, 18 & 19c....cs 60,000
Br shp Muncaster Castle, Shanghai, 23c .....cs 90,00
Oct 6
Br sh Androsa, Hong Kong 18c, Japan 19c, Shanghai, 23c.....cs 80,000
Oct 7
Br bk Matterhorn, Hong Kong, 18c, Japan, 19c, Shanghai, 23c .....cs 75,000
Br bk Silberhorn, Hong Kong, 18c, Japan, 19c, Shanghai, 23c.....cs 75,000
Oct 13
Br shp Bermuda, Hong Kong 18c, Japan 19c, Shanghai 23c.....cs 95,000
Oct 17
Am shp Jas Drummond, Zanzibar & Aleppo, p t.....cs 80,000
Oct 19
Br str Queen Adelaide, China & Japan, 26 27c.....cs 90,000
Br str St Andrews, China & Japan, 26@27c.....cs 95,000
Br sh Siren, Japan, 19c.....cs 60,000
Oct 21
Br sh Ben Lee, Hong Kong 18c, Japan 19@20⅝c, or Shanghai 23c.....cs 95,000
Br shp K stna, Hong Kong, 18c .....cs 70,000
Br shp Brynhilda, Shanghai, 23c.....cs 60,000
Br shp James Drummond, China, p t cs 55,000
Br shp Buckhurst, Calcutta, 14⅝c....cs 80,000
Ger shp Ida, Rouen, 2s 3d..... 8,400
Oct 23
Am shp Samuel Skolfield, Hong Kong, 18c.....cs 58,000
Br bk Glenclova, Hong Kong 18c, Japan 19c, or Shanghai 23c .....cs 90,000
Br shp Columbia, Hong Kong 18c, Japan 19c, or Shanghai 23c .....cs 70,000
Br shp J V Troop, Java 16, 17 & 18c cs 50,000
Nor shp Macduff, Christiania, 2s..... 6,700
Oct 24
Nor str Herman Wedel Jarlsberg, Shanghai, 27c.....cs 100,000
Oct 26
Br bk Strathisla, Saigon, 16c.....cs 45,000
Ger sh Standard, Dublin, 1s 9d..... 9,500
Nor bk Allegro, Waterford 1s 4½d..... 3,000
Br bk Muskoka, Hong Kong 17⅝c, Japan 19@20⅝c, or Shanghai, 22⅝c cs 90,000
Oct 27.
Br bk Sumbawa, Rangoon, 16⅛c.....cs 45,000
Br sh Crofton Hall, Hong Kong 18c, Japan 19@20⅝c, or Shanghai 23c..cs 88,000
Oct 28
Ger sh Otto, London, 1s 9d..... 8,300
Ger bk Bremerhaven, Rouen, 2s 3d.cde 7,000
Oct 30
It bk Angeli, Straits or Java, p t.....cs 41,000
Ger shp Cleopatra, Aremen, 1s 9d..nap 7,500
Nov 6
It bk Pietrino, Las Palmas, 12c.....cs 25,000
Nov 8
Br shp Ancalos, Shanghai, 23c.....cs 80,000
Nov 9
Br str Pathan, China & Japan, pt.....cs 60,000
Nor str Oscar II, China & Japan, p t..cs 70,000
Nov 10
Nor bk Adger, U K, 2s 6d.....cs 3,000

PHILADELPHIA.

July 21
Br shp Miltonburn, Calcutta, 15c.....cs 100,000
Aug 24
Br sh City of Athens, Japan, 19c.....cs 65,000
Sept 25
It bk Fortunata, w c Italy, 12c.....cs 40,000
Oct 2
Br bk Stanley, Calcutta or Bombay, 14@15c.....cs 95,000
Oct 3
Br bk Minnie Browne, Liverpool, 2s 2d. 6,500
Oct 5
Br bk Still Water, Blaye, 2s 6d..... 7,000
Br shp Clan Robertson, Hong Kong 18c, Japan 19c.....cs 75,000
Oct 7
Br bk Crusader, Havre or Dunkirk, 2s 3d.....cde 7,000
Oct 16
Br shp St. Mungo, Calcutta, p t.....cs 80,000
Oct 19
Br shp Loanda, Dieppe or Dunkirk, 2s, 1½d.....cde 10,000
Oct 20
It bk Tonio, Marseilles, 2s, 1d.....cde 6,500
Oct 21
Br shp Windsor Park, Japan, 19c.....cs 70,000
Oct 24
Br bk Argenta, St Louis, 2s 3¾d....nap 4,400
Oct 27
Nor bk Hera, Continent, 2s 3d..... 7,500
It bk Marciani, Lisbon, 2s 4½d..... 4,000
Oct 28
Am shp James Drummond, Swatow, 21 & 22c.....cs 60,000
Nor bk Johanna Ludvig, France, 2s 3d. 5,000
Nor bk Laila, France, p t..... 4,500
Oct 30
Deh shp Emmanuel, Dieppe or Dunkirk, 2s.....cde 8,500
Oct 31
Br shp Coringa, Dieppe or Dunkirk, 2s.....cde 8,500
Nov 2
Br bk Annie J Marshall, Liverpool, 2s.. 6,500
Nov 4
It bk Francesco Gotuzza Sicily, 12½c.cs 18,000
Nov 8
Nor bk Hera, U K, 2s 1½d.....cs 8,000
Nov 9
Am shp Wm F Babcock, Japan, 18⅝c.cs 80,000

The Calumet Mining & Milling Co., Chicago, Ill., was incorporated Nov. 2, with a capital stock of $250,000.

The Aztec Gold Mining and Milling Co., Denver, Col., and Badly P. O., New Mexico, was incorporated Oct. 18, with a capital stock of $600,000.

MAVERICK OIL CO.

REFINERS AND SHIPPERS OF

Maverick Standard Burning Oils, Naphthas and Gas Oil

Of all Grades in Bulk, Barrels and Cases

REFINERY: Chelsea Street, EAST BOSTON.
OFFICE: 61 Broad Street, BOSTON.

STATIONS: East Cambridge, Lynn, Brockton, North Andover, Stoneham, Natick and Braintree, MASS and Nashua and Great Falls, N. H.

Proprietors of the Well-known Brand of

CENTENNIAL SAFETY OIL

This oil, by its High Test, is safer in use than any other Burning Oils, and gives the most brilliant light. It does not crust the wick, and is free from disagreeable odor and smoke in burning.

Oil Delivered by the car load in bulk or in barrels at any point in New England.

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Manufacturers of

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Crude and Refined Paraffine Wax
Cylinder Stocks, Neutral Oils
BLACK OILS

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Prepared Gasolene

Adapted to all kinds of Gas Machines 86°, 88° and 90° Gravities.

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For use in Vapor Stoves. Made in accordance with the recommendations of the Vapor Stove Manufacturers and guaranteed not to smoke, smell, or gum the burner.

Redistilled Naphthas

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Boulevard Gas Fluid

For use in Vapor Street Lamps Plumbers' Torches, &c.

Double-Distilled Deodorized Benzine and Naphtha

of all grades and gravities from 62° to 76°, for manufacturing varnishes and mixed paints, rubber and gossamer goods, floor and table oil cloths, as well as for general use of druggists, dyers, cleaners, etc., etc

The above goods can be had in quantities to suit the purchaser everywhere in the East, either through our agents, or from us direct.

Pratt Manufacturing Co.

Proprietors "Pratt's Astral Oil" 26 BROADWAY, NEW YORK

Clearances of Petroleum.

Following are the clearances of petroleum from the ports of New York, Philadelphia, Baltimore, Boston and San Francisco on the dates named. Refined, unless otherwise specified:—

NEW YORK.

Nov 3

Br bk Prior Hill, Australia, 12,039 cs

Swed bk Iona, Bahia, 8,868 cs

Am bk Doris Eckhoff, St Pierre, 1,175 cs

Nor bk Don Juan, Gothenburg, 277,500 gls bulk

Sp str Panama, Cuba, 600 cs

Am bk Nellie Kimball, Du Guiana, 800 cs

Br str Arthur McGibson, San Domingo, 750 cs

Br str Carib Prince, Br West Indies, 295 cs

Br str Miranda, Br West Indies, 1,600 cs

Nov 4

Br bk Belmont, Anjier f o, 60,100 cs

Br bk Benares, Java, 64,323 cs

Am str El Capitan, Shanghai, 55,000 cs

Nov 6

Br sh Antilla, Br West Indies, 447 cs

Ger str Energie, Dover, f o, 1,202,750 gls bulk

Br str Gallina, Porto Rico, 925 cs

Am sch Millie J H, Brazil, 3,400 cs, ref, 100 cs nap

Br sch Therese, Hayti, 250 cs

Br sh Queen Victoria, Japan, 67,500 cs

Am bk Carrie E Long, Cuba, 149,034 gls cde bulk

Am bg Nettie, St Thomas, 263 cs

Br schr Cavalier, Br Guiana, 500 cs

Am sh Helen Brewer, Hawaii Islands, 30,565 cs

Nov 8

Nor bk Karsten, Langaard, France, 2,455 bbls ref, 1,500 bbls nap

131 bk Candido, Exmouth, 2,411 bbls

Br str Astral, Dover, f o, 973,718 gls bulk

Dut str Charlois, Dover, f o, 1,190,000 gls bulk

Br str Copac, Chili, 3,800 cs

Nov 9

Ger str Hafis, Dover f o, 800,000 gls blk

Br str Potomac, Dover f o, 1,590,000 gls blk

Br sch Clifton, P E I, 608 bbls

Am shp St Marc, Hong Kong, 66,034 cs

Br bk Combusnethan, Java, 55,308 cs

Br bk River Clyde, Exmouth, (Eng), 2,670 bbls

Fr bk Les Adelphis, Australia, 4,450 cs

Br str Alisa, Br West Indies, 1,115 cs

PHILADELPHIA

Nov 2

Br sts Assyrian, Glasgow, 100 bbls

Br str Strathlyon, Nagasaki, 83,312 cs

Br shp Flora P Stafford, 4,050 bbls rfd, 3,870 bbls nap

Br str Lucerna, London, 1,476,722 gls blk

Br shp Munster, London, 9,832 bbls

Ger str Bremerhaven, Amsterdam, 1,375,153 gls blk, 250 bbls

Fr str Luceline, Rouen, 1,212.448 gls blk

Nor shp Catharine, La Pallice, 5,187 bbls nap, 3,000 bbls rfd

Br shp Mistley Hall, Robe, 71,414 cs

Br bk Sodium, Sables D'Olonne, 1,556 gls cde, 1.434 bbls nap

Dn str Kasbek, Nordenham, 518,408 gls rfd blk, 696,991 gls blk cde

Fr bk Haidee, Sables D'Olonne, 278,204 gls cde

Am bg Telos, Lisbon, 1,400 cs

BALTIMORE

Nov 2

Dtch str American, Dover f o, 1,600,000 gls

Br str Oxford, Havana, 200 bbls cde

SAN FRANCISCO

Nov 2

Am str Saturn, Cent America, 295 cs

Am bk Honolulu, Honolulu, 200 cs rfd, 110 gls blk

Canada Petroleum Report.

The crude oil market is beginning to have a little better tone on account of the immense quantity of oil which has been shipped away from here during the month of October. It is estimated that the largest business ever done in the Canadian oil trade has been accomplished during the last month. The refiners' stock of distillate and refined oil has been materially reduced, and during the next three months a very large quantity of crude oil will be required to supply the demand for the refined article. All the stills at the different refineries are now running full blast, and will most likely continue to do so until next March, which means a consumption of from 80,000 to 90,000 barrels of crude per month for refined oil alone, without taking into account the other uses to which crude oil is put. So that it is safe to estimate that the stocks of crude will be considerably reduced within the next four months, and the drill will have to be started again very lively to keep up the supply.

There is plenty of crude to be got here by drilling for it, and it is only a question of obtaining a paying price to ensure the quantity.—Petrolia *Advertiser.*

Some Wild Plants of Cinnamon Gardens.

BY E. T. HOOLE.

1. Wrightea Zeylanica.—(Sin. Idda; Tamil, Vedpalai). This is a small milky shrub belonging to the natural order Apocynaceæ, and is very common in the cinnamon gardens. It looks somewhat like the tea plant at a distance. The leaves are oblong, acuminate, smooth, and bright green on each side. The white flowers, which have a kind of silky tuft, are largely collected for offering at the Hindu and Buddhist temples. The pods contain a silky wool, which is useful for stuffing cushions. The bark is astringent and bitter, and also deemed a febrifuge. An infusion of the bark is given by the vederalas in cases of chronic dysentery.

2. Exacum Zeylanicum.—(Sin. Ginihiriya). This is a species of gentian. It rises to a foot or two in height, and looks very beautiful with its bright, blue-purple flowers. The stem is square and erect, and the upper leaves enclose the flowers in pairs. The whole plant, and especially the root, is very bitter, and is devoid of astringency. It is a powerful tonic and febrifuge. In short, it may be remarked that this herb has probably the same virtues as the yellow European gentian (gentiana lutea), and it may be that we seek at a distance what lies at the very threshold of our doors.

3. Cuscuta reflexa.—(Sin. Agamulanetirvela). This is a parasitic leafless creeper which preys on the cinnamon bush, and belongs to the same family as the "dodder." The Sinhalese name means "a creeper that has no beginning or end." The Tamils call it muda kottan, and consider it a specific for cuts, fractures, and dislocations. Wonderful stories, which try one's credulity, are told of the power of this plant to make flesh adhere and cure wounds, and the remarkable success of some native doctors in surgical treatment is attributed to the secret use of this plant. One thing, however, can be said with certainty about its virtues, the mucilaginous juice has a very soothing effect when it is applied in the form of a poultice.

4. Acalypha Indica.—This is a common annual herb with greenish flowers, belonging to the natural order euphorbiaceæ. It is called kuppeme nia by the Sinhalese and Tamils. It is reported to have a peculiar effect on the cat, which has sometimes been noticed to play about with great fondness round the plant. A decoction of the leaves has laxative properties, and the root is a cathartic.

5. Hemidesmus Indicus.— This plant is known as iramusu in Sinhalese and nannari in Tamil. It belongs to the order asclepiadeæ, and is a perennial with a thin woody creeping stem and small lanceolate, smooth and shining leaves, streaked with white along the midrib. Its root is long and slender, with few ramifications, covered with rust colored fragrant bark, which keeps its odor even after drying. The root is popularly employed all over the island as a substitute for sarsaparilla (smilax), and is very highly spoken of. Its diuretic property is very remarkable. It also acts as a diaphoretic and tonic, and increases the appetite while it purifies the blood. The taste and smell of the infusion of the root are balmy and sweet. It has been used with the most decided benefit in numerous cases of the description in which sarsaparilla is generally given, and, indeed, it is said that the activity of this medicine is much more decided than that of sarsaparilla.—*Tropical Agriculturist.*

Exports of Petroleum from New York

REFINED

COUNTRIES.	Week ending Nov. 9. Gals.	Jan. 1. to Nov. 2, 1893. Gals.	Jan. 1 to Nov. 3, 1892. Gals.
Africa, Liberia	.....	.....	.....
Sierre Leone	.....	84.950	45,080
South Africa	.....	2,470.000	1.845,470
Zanzibar	.....	325.080	680,000
Algiers	.....	1,840,990	331.420
Anjier	601,000	15,807,595	6.570,800
Arabia	.....	750,000	3,886.510
Argentine Republic	.....	2,922,270	3,711,766
Australia	164,890	3,167,310	6,182,430
Austria	.....	135.000	.....
Azores	.....	.....	101,440
Belgium	.....	16,925,540	12,011,650
Brazil	.....	9,068 800	5,341 858
British East Indies, Aden	.....	1,310,800	.....
Burmah	.....	1,153,690	777,750
Ceylon	.....	.....	715,000
India	.....	34,715.230	14,754,420
Penang	.....	4,805,391	1,295,156
Singapore	.....	1,885.200	.....
British Guiana	5,000	326,520	347,696
British West Indies, Antigua	.....	28,800	56.320
Barbadoes	.....	290,050	296.227
Basse Terre	.....	.....	15,700
Bermuda	.....	78,699	110,802
Domenica	.....	.....	18,371
Jamaica	.....	212 129	109,188
Montserrat	.....	.....	3,610
Nassau	.....	3,570	23,148
St. Lucia	.....	.....	230,207
St. Vincent	.....	.....	29.890
Trinidad	.....	215.213	95,293
All others	37,200	393,389	124,081
Canary Islands	.....	120,271	60,362
Central America, Belize	.....	.....	79,374
Costa Rica	.....	.....	27,289
Guatamala	.....	.....	91,768
Honduras	.....	180,450	53,770
Nicaragua	.....	9 ,694	133 256
San Salvador	.....	.....	29,650
Chili	38,000	1,412 400	1,669.609
China, Cochin	.....	23,902,322	605,000
All other	1,210,340	17,205,7.0	31,573,490
Cuba	6,000	448 414	1,978,875
Danish West Indies	.....	106,000	18,618
Denmark	.....	6,544,110	3,630,174
Dutch East Indies, Java	.....	6,733,306	37,098,340
Macassar	1,196,310	2,175,320	1,213,270
Sumatra	.....	440,000	.....
Dutch West Indies	.....	14,120	109,885
Dutch Guiana	8.000	42,500	45,220
Ecuador	.....	.....	74,150
England	6,015,168	160,080,810	91,161,150
Egypt	.....	997,440	506,600
France	125,200	16,092,795	6,362,433
French Guiana	.....	10,000	19,500
French West Indies	11 750	481,611	299,907
Germany	.....	11,842,483	69,866,604
Gibraltar	.....	475,450	325,840
Greece	.....	.....	.....
Hawaiian Islands	305,600	300,000	332,882
Hayti	250	352,250	398,509
Ireland	.....	7,338,051	6,029,858
Italy	.....	952.220	396 644
Japan	675,000	7,613,420	14,260,910
Madeira Islands	.....	1,832,270	.....
Malta	.....	.....	.....
Mauritius Island	.....	.....	.....
Mexico	.....	58,250	1,236,542
Moluoca Islands	.....	121,290	139,350
Netherlands	.....	13,736,184	40,196,068
New Zealand	.....	2,349,876	1,591,252
North America, New Brunswick	.....	385.777	900.277
New Foundland	.....	169.099	137,526
Nova Scotia	.....	303,022	1,075,112
Prince Ed. Isl'nd	30,400	776,700	182,900
Norway and Sweden	272,500	10,353,431	8,762 399
Peru	.....	128,500	172,870
Porto Rico	9,250	267,381	301,071
Phillippine Islands	.....	929,450	847,010
Portugal	.....	10,831,153	528,585
Reunion	.....	1,750	.....
Russia	.....	80,264	744,260
San Domingo	7,500	100,850	143,327
Scotland	.....	10,000	2,564
Siam	.....	.....	466,008
Spain	.....	.....	182,150
Tasmania	.....	.....	.....
Turkey	.....	.....	155,000
U. S. of Columbia	.....	139,500	646,141
Uruguay	.....	1,341,090	3,300,890
Venezuela	.....	611,259	578,480
Wales	.....	110,923	112,634
Total	10,719,158	333,152,383	205,259,158

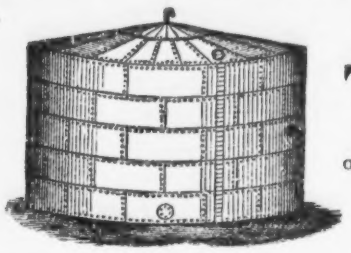
CRUDE

COUNTRIES.	Week ending Nov. 9, Gals.	Jan. 1 to Nov. 2, 1893. Gals.	Jan. 1 to Nov. 3, 1892. Gals
Algiers	.....	.....	.....
Argentine Republic	.....	.....	.....
Australia	.....	.....	.....
Austria	.....	.....	.....
Belgium	.....	.....	.....
Brazil	.....	250	.....
British Guiana	.....	.....	.....
British North America	.....	154,770	.....
British West Indies	.....	52,114	.....
Chili	.....	.....	.....
China	.....	.....	.....
Central America	.....	.....	50,000
Cuba	149,034	4,245,308	3,893,364
Danish West Indies	.....	.....	.....
Dutch East Indies	.....	.....	.....
Dutch West Indies	.....	.....	.....
England	.....	51	17,998
France	.....	49,082	15,211,895
Germany	.....	412,500	.....
Hawaiian Islands	.....	.....	.....
Mexico	.....	1,068,596	.....
Norway and Sweden	.....	156,102	669,514
Porto Rico	.....	190,000	418 472
Spain	.....	.....	180,400
U. S. of Col	.....	.....	2,457,795
Uruguay	.....	3,000	4,262
Venezuela	.....	.....	3,060
Total	149,034	7,529,773	20,691,311

NAPHTHA

COUNTRIES.	Week ending Nov. 9, Gals.	Jan. 1 to Nov. 2, 1893. Gals.	Jan. 1 to Oct. 27, 1892. Gals.
Africa	.....	500	.....
Algiers	.....	.....	.....
Argentine Republic	.....	30,500	4,235
Australia	.....	14,250	4,925
Belgium	.....	2,500	.....
Brazil	1,000	3,000	11,382
British North America	.....	3,400	2,196
British West Indies	.....	300	.....
Central America	.....	.....	332
Chili	.....	.....	4,300
China	.....	.....	1,900
Denmark	.....	6,300	.....
England	.....	3,421,153	6,170,474
France	75,700	1,187,703	1,410,989
Germany	.....	2,245,100	4,132,010
Hayti	.....	17,300	1,425
Mexico	.....	.....	915
New Zealand	.....	.....	200
Norway and Sweden	.....	532,668	436,499
Peru	.....	800	.....
Portugal	.....	475	950
Russia	.....	20,281	34,286
Spain	.....	.....	340
St. Domingo	.....	500	.....
Uruguay	.....	.....	.....
Venezuela	.....	.....	1,000
Wales	.....	28,794	.....
Total	76,700	8,421,354	17,614,510

Wm. Graver Tank Works



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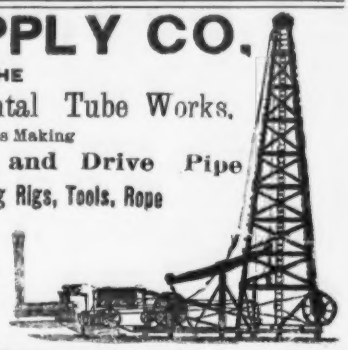

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IMPORTS, EXPORTS, DOMESTIC RECEIPTS, Etc.

IMPORTS ENTERED AT NEW YORK FOR CONSUMPTION.

For week ending Nov. 9.

ACID—30 cks, Amalfi, Hamburg
12 cks, Noordland, Antwerp
BUTYRIC—17 cs, Rogers & Pyatt, Rhaetia, Hamburg
ALBUMEN—8 cks, R Hill, London
1 cs, Rhaetia, Hamburg
ALIZARINE—25 cks, Noordland, Antwerp
AMMONIA, CARB—15 cks, Amalfi, Hamburg
MURI—20 cks, Chicago, Bristol
ANILINE COLORS—4 cks, Bovic, Liverpool
15 cks, Saale, Aremen
8 cks, Noordland, Antwerp
18 pgs, Noordland, Antwerp
4 cs, Noordland, Antwerp
5 cs, Venetia, Stettin
DYE—2 cks, Rhaetia, Hamburg
FLUORATE—16 kgs, Noordland, Antwerp
OIL—2 dms, Venetia, Stettin
SALT—50 cs, Noordland, Antwerp
20 cks, Noordland, Antwerp
46 cks, Noordland, Antwerp
60 cks, Venetia, Stettin
ANTIMONY—75 cs, Ed Hill's Son & Co, Gladiolus, Shields
ARGOLS—327 bgs, Alesia, Naples
ARSENIC—20 cks, Rhaetia, Hamburg
CHILLIES—100 bls, America, London
CHROME GREEN—2 cs, La Bretagne, Havre
CHROMIUM GREEN OXIDE—4 cks, Rogers & Pyatt, Rhaetia, Hamburg
COAL TAR PITCH—286 bbls, Glasgow
3 cks, Amalfi, Hamburg
10 cks, Saale, Bremen
340 bgs, Paris, Southampton
PROD—8 cks, Rhaetia, Hamburg
CORKS—2 bls, Paris, Southampton
CREOSOTE—2 cs, Lehn & Fink, Rhaetia, Hamburg
CUBEBS—43 bgs, John Clay, Winchester, Rotterdam
CUTTLE FISH BONE—5 pgs, Victoria, Patras
50 strips, Thurston & Braidich, Scotia, Trieste
DEXTRINE—6 bgs, R Hill, London
DRUGS—24 bls, Victoria, Patras
34 bls, Buffalo, Hull
25 bls, Buffalo, Hull
67 cs, Merck & Co, Rhaetia, Hamburg
DUTCH METAL LEAF—6 cs, Saale, Bremen
DYEWOOD EXT—25 cks, Paris, Southampton
ERGOT—9 cs, Amalfi, Hamburg
FERTILIZER—24 pgs, Majestic, Liverpool
FLOWERS, FILIA—4 bls, Rhaetia, Hamburg
FULLERS EARTH—300 bgs, Lhicago, Bristol
396 bgs, R Hill, London
FUSTIC—3,190 pcs, Yucatan, Vera Cruz
GINGER—493 bgs, Massachusetts, London
GLASS, PLATE—49 cs, Bovic, Liverpool
14 cs, Chicago, Antwerp
69 cs, Noordland, Antwerp
7 cs, Noordland, Antwerp
4 cs, Westernland, Antwerp
INSECT POWDER—25 bls, D E Green, Scotia, Trieste
IODINE—3 bxs, Newport, Colon
147 bbls, Newport, Colon
IRON, OX—25 cks, Buffalo, Hull
KAINIT—640 tns, Moel Y Don, Hamburg
LEAD, WHITE—14 bbls, Victoria, Trieste
47 cs, Victoria, Trieste
LEAVES, ANNATTO—5 bgs, Ailsa, Kingston
BAY—25 bls, Victoria, Med Ports
30 bls, Muriel, Dominica
JABORANDI—6 bls, John Clay, Runic, Liverpool
ROSEMARY—10 pgs, Victoria, Med Ports
SENNA—25 bls, John Clay, Massachusetts, London
LEECHES—4 cs, La Bretagne, Havre
3 cs, Rhaetia, Hamburg
LEMON PEEL—4 cs, Majestic, Liverpool
LICORICE PASTE—10 cs, Alesia, Naples
LIME JUICE—42 bbls, San Domingo, Halifax
65 hhds, Muriel, Dominica
7 hhds, Muriel, Dominica
LOGWOOD—308 tns, El Callao, Pt de Paix
503 tns, Therese, Cape Hayti
160 tns, Florida, Jamaica
MACE—10 bxs, R Hill, London
MANURE SALT—500 bgs, Amalfi, Hamburg
102 tns, Moel T Y Don, Hamburg
500 bgs, Rhaetia, Hamburg
500 bgs, Hungaria, Hamburg
MATCHES—35 cs, Victoria, Patras
MEAT, EXT—30 cs, Chicago, Antwerp
MED PREP—35 cs, La Bretagne, Havre
9 cs, La Gascogne, Havre

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ASPHALTUM—3,500 cks, J Weisenhorn, Bremen
BALSAM—6 bxs, Newport, Colon
BARYTES—3 cks, R Hill, London
BEANS, VANILLA—14 cs, Yucatan, Tuxpan
4 cks, Mexico, Havana
20 cs, Mexico, Havana
BERRIES, JUNIPER—100 bls, Olympia, Leghorn
BLEACH—202 cks, Wing & Evans, Gladiolus, Shields
74 cks, Wing & Evans, St Ronans, Liverpool
198 cks, J L & D S Riker, Runic, Liverpool
BRIMSTONE—18,200 cntrs, Pocahontas, Tarragena
5,200 cntrs, Pocahontas, Tarragena
BRISTLES—7 cks, Hungaria, Hamburg
BRONZE POWDER—9 cs, Amalfi, Hamburg
40 cs, Saale, Bremen
CACAO BUTTER—10 cs, New York, Southampton
6 cs, Newport, Colon
10 cs, Massachusetts, London
CHAMOIS—1 cs, Lucania, Liverpool
1 cs, Massachusetts, London
2 cs, Lucania, Liverpool
CHEMICALS—3 cs, Lehn & Fink, Rhaetia, Hamburg
29 cs, Merck & Co, Dubbeldam, Rotterdam
24 pgs, Merck & Co, Spaarndam, Rotterdam
COMP—5 cs, La Bretagne, Havre
20 cs, Hungaria, Hamburg
PREP—4 cs, Spree, Bremen
SALT—40 dms, Bovic, Liverpool
ROLLED—13 bxs, Devonia, Glasgow
WINDOW—284 bxs, Noordland, Antwerp
167 bxs, Noordland, Antwerp
272 bxs, Bovic, Liverpool
1,863 cs, Chicago, Antwerp
3,123 cs, Chicago, Antwerp
4,297 bxs, Chicago, Antwerp
1,015 cs, Chicago, Antwerp
21 cs, Majestic, Liverpool
420 cs, Noordland, Antwerp
GLUE—27 bls, New York, Southampton
GLYCERINE—26 cks, R Hill, London
90 dms, Marseilles, Naples
GUM—312 cs, Massachusetts, London
ARABIC—60 cs, Thurston & Braidich, Lucania, Liverpool
28 cs, D E Green, Lucania, Liverpool
BENZOIN—10 cs, John Clay, Massachusetts, London
CHICLE—55 bls, Yucatan, Tuxpan
27 bls, Yucatan, Tuxpan
171 bls, Yucatan, Vera Cruz
40 bgs, Mexico, Havana
MED—10 cs, Massachusetts, London
SENEGAL—25 bgs, Thurston & Braidich, Paris, Southampton
100 bgs, Thurston & Braidich, Lucania, Liverpool
10 bgs, D E Green, Runic, Liverpool
SUBSTITUTE—12 cs, Hungaria, Hamburg
TRAG—20 cs, Thurston & Braidich, Lucania, Liverpool
GYPSUM—100 cks, Bovic, Liverpool
800 tns, Falmouth, Windsor
MORPHINE—3 cs, Devonia, Glasgow
NAPHTHALINE—45 cks, Chicago, Antwerp
6 cks, Chicago, Antwerp
7 cks, R Hill, London
NUTGALLS—85 bgs, Massachusetts, London
NUTMEGS—46 bxs, R Hill, London
147 bxs, Massachusetts, London
OCHER—150 cks, Alesia, Naples
150 bbls, Majestic, Liverpool
OILS, ALMOND—20 cs, Victoria, Patras
AMBER—5 cs, Spree, Bremen
5 cs, Paris, Southampton
COD LIVER—300 bbls, Buffalo, Hull
150 cks, San Domingo, St Johns
ESS—8 cs, La Bretagne, Havre
8 cs, Spree, Bremen
JUNIPER—2 cs, Spree, Bremen
LAVENDER—1 cs, Fulda, Genoa
12 cs, Alesia, Naples
6 cs, Alesia, Naples
LEMON—534 cs, Olmypia, Leghorn
ORANGE—2 cs, Olympia, Leghorn
ORIGANUM—13 cs, Alesia, Naples
PALM—8 cks, Bovic, Liverpool
RAPE—7 bbls, Buffalo, Hull
50 bbls, R Hill, London
ROSE ATTAR—2 cs, Spree, Bremen
ROSEMARY—5 cs, Alesia, Naples
THYME—15 cs, Alesia, Naples
WINTERGREEN—2 cs, Venetia, Stettin
OPIUM—10 cs, Umbria, Liverpool
10 cs, McKesson & Robbins, La Gascogne Havre
20 cs, McKesson & Robbins, Lucania, Liverpool

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ORANGE MINERAL—14 cks, Werkendam, Rotterdam
PEEL—60 pipes, Olympia, Messina
9 cs, Majestic, Liverpool
PATENT DRYER—10 cks, Ed Hill's Son & Co, Hindoo, Hull
PERFUMERY—28 cs, La Bretagne, Havre
5 cs, Fulda, Genoa
PERSIAN BERRY EXT—2 bbls, Noordland, Antwerp
PIMENTO—63 bgs, Ailsa, Kingston
2,543 bgs, Ailsa, Kingston
43 bbls, Ailsa, Kingston
905 bgs, Ailsa, Kingston
POTASH—20 cks, Noordland, Antwerp
CARB—10 cks, Amalfi, Hamburg
CHLOR—250 kgs, Ed Hill's Son & Co, Runic, Liverpool
MURI—500 bgs, Amalfi, Hamburg
1,500 bgs, Hungaria, Hamburg
500 bgs, H H Salmon & Co, Hungaria, Hamburg
SULPH—350 bgs, Rhaetia, Hamburg
ROOTS—39 bls, John Clay, Massachusetts, London
60 bls, Lepanto, Antwerp
GENTIAN—68 bls, John Clay, Lennox, Leghorn
HELLEBORE—30 bgs, Victoria, Patras
JALAP—50 bgs, Mexico, Havana
LICORICE—20 cks, Alesia, Naples
MED—25 bgs, New York, Southampton
ORRIS—39 pgs, Massachusetts, London
SARSAPARILLA—26 bls, Yucatan, Vera Cruz
SACCHARINE—2 cs, Saale, Bremen
SEED, ANISE—100 bgs, Victoria, Patras
CARAWAY—50 bls, Hindoo, Hull
CARDAMOM—12 cs, John Clay, Massachusetts, London
CASTOR—40 bgs, Gregory, Maranham
CORIANDER—97 bgs, Massachusetts, London
FENNEL—20 bls, Rhaetia, Hamburg
10 bls, Hungaria, Hamburg
MILLET—200 bgs, Victoria, Patras
MUSTARD—200 bgs, Victoria, Patras
100 bgs, Victoria, Patras
POPPY—400 bgs, Buffalo, Hull
SABADILLA—2 bls, Thurston & Braidich, Rhaetia, Hamburg
SOAP, CASTILE—225 cs, Victoria, Bari
24 cs, Victoria, Bari
3,000 bxs, Olympia, Leghorn
1,025 bxs, Fulda, Genoa
SODA ASH—130 cks, Wing & Evans, Runic, Liverpool
3,571 bgs, Wing & Evans, Runic, Liverpool
1,592 bgs, Wing & Evans, St Ronans, Liverpool
486 cks Wing & Evans, St Ronans, Liverpool
CAUSTIC—55 dms, Wing & Evans, Gladiolus Shields
200 dms, Ed Hill's Son & Co, Gladiolus, Shields
108 dms, Ed Hill's Son & Co, Runic, Liverpool
90 dms, Jas Lee & Co, Runic, Liverpool
45 bbls Jas Lee & Co, Runic, Liverpool
CRYSTALS CARB—112 bbls, J L & D S Riker, Runic, Liverpool
STORAX—1 cs, Victoria, Patras
STRONTIA, NIT—15 cks, R Hill, London
40 kgs, R Hill, London
SULPHUR, MILK—2 cks, McKesson & Robbins, Paris, Southampton
SUMAC, EXT—25 bbls, Buffalo, Hull
THIOL—1 c , Lehn & Fink, Rhaetia, Hamburg
TUSCAN RED—10 kgs, Buffalo, Hull
ULTRAMARINE—14 cks, Chicago City, Bristol
UMBER—50 cks, Chicago City, Bristol
VERDIGRIS—2 cks, Bovic, Liverpool
ZINC OX—560 cks, McKesson & Robbins, Paris, Sauthampton

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WAREHOUSED.

ANILINE COLORS—5 cks, La Bretagne, Havre
5 cs, La Bretagne, Havre
29 cs, Saale, Bremen
21 pgs, Noordland, Antwerp
DYE—72 cks, Amsterdam, Rotterdam
34 cs, Amsterdam, Rotterdam
BRISTLES—3 cks, Hungaria, Hamburg
8 cks, Rhaetia, Hamburg
BRONZE POWDER—2 cs, Saale, Bremen
CACAO BUTTER—10 cs, Werkendam, Rotterdam
CHILLIES—210 bls, America, London
COLORS, DRY—6 cks, Gellert, Hamburg
ESS MARAVILLOSA—20 cs, Rhaetia, Hamburg
GLASS, LOOKING—4 cs, Amsterdam, Rotterdam
8 cs, Fulda, Genoa
WINDOW—280 cs, Chicago, Antwerp
LEAD, WHITE—100 kgs, Gladcolus, Newcastle
50 kgs, Gladcolus, Newcastle
MATCHES—105 cs, Hindoo, Hull
OIL COD LIVER—50 bbls, Hindoo, Hull
POMADE—40 cs, Alesia, Marseilles
SODA, CAUSTIC—50 dms, Jas Lee & Co, Runic, Liverpool
SPONGES—76 bls, Niagara, Nassau
135 bls, Niagara, Nassau

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IMPORTS AT PHILADELPHIA.

For week ending Nov. 9.

AMMONIA, MURI—30 cks, Ohio, Liverpool
CHEMICAL SALTS—20 cks, Ohio, Liverpool
LOGWOOD—397 tns, Ohio, Liverpool
OIL, PALM—31 cks, Ohio, Liverpool
25 cks, Ohio, Liverpool
SODA ASH—68 cks, Ohio, Liverpool
3,624 bgs, Wing & Evans, Ohio, Liverpool
448 cks, Wing & Evans, Ohio, Liverpool
45 cks, Jas Lee & Co, Corean, Glasgow
CRYSTALS—280 bbls, Ohio, Liverpool

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IMPORTS AT BOSTON.

For week ending Nov. 9.

ALIZARINE—12 cks, Durham City, London
BLEACH—148 cks, J L & D S Riker, Roman, Liverpool
125 cks, J L & D S Riker, Angloman, Liverpool
211 cks, J L & D S Riker, Lancastrian, Liverpool
CHALK—100 tns, Br Queen, London
PEPPER—64 bgs, Durham City, London
POTASH, CHLOR—30 kgs, J L & D S Riker, Lancastrian, Liverpool
SEED, CANARY—100 bgs, Angloman, Liverpool
SODA, ASH—200 bgs, Wing & Evans, Lancastrian, Liverpool
79 cks, Wing & Evans, Lancastrian, Liverpool
100 bgs, J L & D S Riker, Lancastrian, Liverpool
CRYSTALS—112 bbls, J L & D S Riker, Lancastrian, Liverpool

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IMPORTS AT SAN FRANCISCO

For week ending Nov. 2.

BLEACH—100 bbls, Centaur, South Shields
CHEM PROD—25 cs, St Marys Bay, Hamburg
SODA, CAUSTIC—300 dms, Centaur, South Shields
50 dms, Falls of Halladale, South Shields
CRYSTALS—933 cks, Centaur, South Shield

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IMPORTS AT BALTIMORE.

For week ending Nov. 2.

SODA, ASH—2,260 bgs, Wing & Evans, Baltimore, Liverpool

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IMPORTS AT NEW ORLEANS.

For week ending Nov. 2.

SOAP—800 cs, Fratvelli Laurin, Genoa
450 cs, Fratvelli Laurin, Genoa
SODA, CAUSTIC—34 dms, Jas Lee & Co, Electrician, Liverpool
SPONGES—2 bls, City of Dallas, Cortez

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IMPORTS AT MONTREAL.

For week ending Nov. 8.

ACID, ACETIC—6 cks, Siberian, Glasgow
ALUM—23 cks, Lake Nepigon, Liverpool
ALUMINA—182 bbls, Lake Nepigon, Liverpool
AMMONIA—20 kgs, Lake Nepigon, Liverpool
20 kgs, Sarnia, Liverpool
BORAX—5 kgs, Siberian, Glasgow
16 bbls, Sarnia, Liverpool
BLEACH—32 cks, Sarnia, Liverpool
CHICORY—10 cks, Lake Nepigon, Liverpool
CHLOROFORM—3 cs, Sarnia, Liverpool
CLAY—116 cks, Slavonia, Hamburg
CLOVES—50 bbls, Austrian, London
COLORS—38 bbls, Slavonia, Hamburg
8 cs, Slavonia, Hamburg
2 pgs, European, Antwerp
16 pgs, Monte Videan, London
7 pgs, Austrian, London
51 kgs, Louisiana, Antwerp
DEXTRINE—100 bgs, Slavonia, Hamburg
DYESTUFFS—86 pgs, Amarynthia, Glasgow
DRUGS—8 pgs, Slavonia, Hamburg
7 pgs, Monte Videan, London
6 pgs, Austrian, London
1 cs, Lake Nepigon, Liverpool
EPSOM SALTS—30 kgs, Siberian, Glasgow
FULLERS EARTH—120 bgs, Monte Videan, L'don
GLUE—150 bgs, Slavonia, Hamburg
42 pgs, Monte Videan, London
2 cks, Austrian, London
GLASS - 6 cs, Slavonia, Hamburg
109 cs European, Antwerp
26 pgs, Parisian, Liverpool
PLATE—28 cs, Slavonia, Hamburg
ROUGH - 40 cs, Louisiana, Antwerp
WINDOW—13 cs, Lake Nepigon, Liverpool
40 cs, Sarnia, Liverpool
22 cs, Lake Nepigon, Liverpool
19 cs, Louisiana, Antwerp
GLAUBER SALTS—115 bbls, Siberian, Glasgow
LEAD—150 cks, European, Antwerp
11 cks, Amarynthia, Glasgow
NITRATE—19 bbls, Siberian, Glasgow
WHITE—102 cks, European, Antwerp
11 pgs, Monte Videan, London
217 cks, Louisiana, Antwerp
LITHARGE—108 cks, Louisiana, Antwerp
LOGWOOD—150 bgs, Amarynthia, Glasgow
NUTMEGS—10 cs, Monte Videan, London
OCHER—10 cks, Iona, Newcastle
85 bbls, Monte Videan, London
77 bbls, Austrian, London
OIL—15 bbls, Monte Videan, London
150 bbls, Austrian, London
LINSEED—40 bbls, Siberian, Glasgow
50 bbls Amarynthia, Glasgow
250 bbls, Austrian, London
OXIDE—30 kgs, Lake Nepigon, Liverpool
10 cks, Lake Nepigon, Liverpool
PEPPER—50 bgs, Monte Videan, London
PERFUMERY—7 cs, Slavonia, Hamburg
2 cs, Olbia, Rouen
2 cs, Louisiana, Antwerp
PITCH—281 cks, Siberian, Glasgow
POTASH—13 cks, Slavonia, Hamburg
2 kgs, Lake Nepigon, Liverpool
RED, VENETIAN—100 bbls, Lake Nepigon, Liverpool
SENNA—2 bls, Monte Videan, London
SHELLAC—15 cs, Monte Videan, London
SOAP—80 cs, Monte Videan, London
20 bxs, Monte Videan, London
SODA—10 cks, Slavonia, Hamburg
15 cks, Sarnia, Liverpool
20 kegs, Sarnia, Liverpool
500 kegs, Parisian, Liverpool
112 bbls, Parisian, Liverpool
ASH—35 cks, Iona, Newcastle
1,040 bags, Sarnia, Liverpool
141 tcs, Lake Nepigon, Liverpool
CAUSTIC—40 dms, Amarynthia, Glasgow
75 dms, Lake Nepigon, Liverpool
SILICATE—205 bbls, Sarnia, Liverpool
20 bbls, Sarnia, Liverpool
NITRATE—3 cks, Louisianan, Antwetp
HYPO—25 kegs, Sarnia, Liverpool
SAL—772 pkgs, Sarnia, Liverpool
560 kegs, Lake Nepigon, Liverpool
50 cks, Lake Nepigon, Liverpool
SULPHUR—200 bgs, European, Antwerp
231 pgs, Sarnia, Liverpool
33 bbls, Parisian, Liverpool
TURMERIC—5 cks, Lake Nepigon, Liverpool
WHITING—1,205 sks, Monte Videan, London
850 sks, Austrian, London
25 cks, Sarnia, Liverpool
14 cks, Lake Nepigon, Liverpool
ZINC—38 cks, European, Antwerp
22 cks, Louisiana, Antwerp
WHITE—40 cks, Monte Videan, London

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Painters say The Best Brushes Ever Used.
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WITHDRAWALS FROM BOND.

For week ending Nov. 9.

Ammoniac, sal, cks	25
Aniline colors, pgs	148
Aniline dyes, pgs	62
Asphaltum, cks	2,800
Bay rum, pgs	15
Blue, Berlin, cks	22
Bristles, cks	5
Bronze powder, cs	6
Cacao butter, cs	23
Chem comp, cs	5
China clay, cks	700
Coal tar prep, cks	1
Coal tar prod, cks	8
Corks, pgs	21
Degras, cks	25
Dextrine, bgs	275
Dutch metal leaf, cs	5
Gelatine, cs	2
Glass, plate, cs	6
Glass, window, cs	1,065
Glue, cks	10
Leaves, sage, bls	50
Licorice, paste, cs	60
Matches, cs	15
Mica, cs	8
Oil, myrbane, cs	10
Pomades, cs	8
Resorcine, cks	3
Seed, castor, bgs	200
Soap, castile, bxs	15
Soda, caustic, dms	12
Starch, potato, seks	80
Sponges, cs	22
Stearine, bgs	288
Ultramarine, cs	2

TOTAL DOMESTIC RECEIPTS.

FOR WEEK ENDING Nov. 9, 1893.

		For week.	Since Jan. 1.
Alcohol	bbls.	..	2,820
Beeswax	pkgs.	11	121
Bone black	bags.	7,174	28,104
Borax	pkgs.	2,328	18,859
Crude	pkgs.	..	..
Cottonseed	bags.	..	6,081
Ashes	bgs.	..	7,125
Cake	bags.	..	8,381
Meal	pgs.	500	58,597
Flaxseed	bu.	221,800	2,829,590
Glue	bbls.	..	203
Stock	pkgs.	..	88
Glucose	bbls.	..	..
Grease	pkgs.	276	7,915
High Wines	bbls.	980	44,926
Lead	pigs.	2,859	233,146
Mustard seed	bags.	..	9,301
Oil, Cottonseed	bbls.	4,522	127,125
Cake	bags.	3,710	270,352
Fish	bbls.	..	1,496
Lard	bbls.	..	6,777
Lubricating	bbls.	829	56,007
Whale	bbls.	..	685
Oleo stock	pkgs.	1,055	71,093
Pitch	bbls.	..	4,416
Quicksilver	flks.	780	8,850
Rosin	bbls.	5,104	269,475
Soap	bbls.	..	14,829
Soap stock	bbls.	..	11,919
Sponge	bls	..	471
Starch	pgs.	..	11,600
Stearine	pkgs.	121	27,528
Sumac	bags.	..	14,569
Tallow	pkgs.	1,044	65,002
Tar	bbls.	..	1,845
Turpentine, crude	bbls.	..	1,474
Spirits	bbls.	718	70,822

NEW YORK DOMESTIC RECEIPTS.

For week ending Nov. 9, 1893.

BEESWAX—11 pgs, str, Richmond
BONE BLACK—7,147 bgs, str, San Francisco
BORAX—308 bgs, str, New Orleans
2,030 bgs, str, San Francisco
COTTONSEED MEAL—500 bgs, str, Savannah
FLAXSEED—221,800 bu, Canal Boats
GREASE—100 pgs, D, L & W RR
100 pgs, C RR of N J
73 pgs, N R Boats
3 pgs, H R RR
HIGH WINES—390 bbls, D, L & W RR
325 bbls, H R RR
265 bbls, P RR
LEAD—2,000 pigs, L V RR
859 pigs, str, Richmond
OIL, COTTONSEED—69 bbls, N R Boats
642 bbls, str, Savannah
1,050 bbls, H R RR
940 bbls, str, Richmond
200 bbls, str, Charleston
1,252 bbls, str, New Orleans
70 bbls, str, Galveston
300 bbls, W S RR
CAKE—751 bgs, E RR
900 bgs, H R RR
1,140 bgs, L V RR
919 bgs, D, L & W RR
LUB—182 bbls, W S RR
647 bbls, E RR
OLEO STOCK—120 tcs, W S RR
795 pgs, H R RR
125 tcs, L V RR
15 pgs, D, L & W RR
QUICKSILVER—750 flks, str, San Francisco
ROSIN—3,112 bbls, str, Savannah
1,932 bbls, str, Richmond
60 bbls, str, Jacksonville
STEARINE—121 pgs, N R Boats
TALLOW—123 pgs, D, L & W RR
112 pgs, W S RR
34 pgs, C RR of N J
332 pgs, N R Boats
118 pgs, str, Richmond
72 pgs, H R RR
42 pgs, E RR
14 pgs, L V RR
186 pgs P RR
11 pgs, N Y, O & W RR
TURPENTINE SPIRITS—314 bbls, str, Savannah
359 bbls, str, Richmond
45 bbls, str, Charleston

EXPORTS FROM NEW YORK.

For week ending Nov. 9.

ACID, SULPH—10 dms $216 Carrie E Long, Cuba
DRUGS—6 pgs $411 Gallina, San Juan
FLAXSEED—41,461 bu $46,446 Cuflc, Liverpool
16,586 bu $18,000 Croft, Leith
16,988 bu $20,500 Westernland, Antwerp
26,426 bu $30,700 Loch Lomond, Rotterdam
25,198 bu $38,000 Werkendam, Rotterdam
GLUCOSE—50 bbls $670 Alsatia, Newcastle
250 bbls $671, Alsatia, Newcastle
GRAPESUGAR—250 bgs $600 Chicago City, Bristol
GREASE—62 bbls $1,064 Gellert, Genoa
HOPS—100 bls $4,600 New York, Southampton
301 bls $14,500 New York, Southampton
425 bls $19,527 New York, Southampton
378 bls $2,260 New York, Southampton
50 bls $2,339 Germanic, Liverpool
LEAD—2,343 pigs $4,450 State of California, Glasgow
2,301 pigs $4,450 Grecian, Glasgow
OIL CAKE, LINSEED—1,720 bgs $6,450 Cuflc, Liverpool
724 bgs $3,500 Buffalo, Hull
725 bgs $3 630 New York, Southampton
COTTONSEED—50 bbls $1,200 La Bretagne, Havre
2,499 gls $1,044 Dora Eckhoff, St Pierre
505 gls $206 Dora Eckhoff, St Pierre
100 gls $4 C Prince, Br W Indies
2,483 gls $1,042 Wadsworth, Brazil
2,603 gls $1,042 Manuka, Havre
526 gls $210 Caribbee, Barbadoes
1,529 gls $610. Nettie, St Thomas
12,704 gls $4,575 Alesia, Marseilles
240 gls $114 Les Adelphes, Melbourne
100 gls $46 Ailsa, Kingston
2,417 gls $1,084 Ailsa, B W I
ESS—6 cs $975 Columbia, Hamburg
3 cs $210 Fulda, Bremen
LARD—67 cs $536 C Prince, Trinidad
LUB—2,00 gls $1,540 Straits of Dover, Africa
15,024 gls $3,357 Cuflc, Liverpool
51,500 gls $5,931 Cuflc, Liverpool
25,000 gls $2,500 Galileo, Antwerp
1,484 gls, $216 Manuka, Havre
5,000 gls $2,500 Yumuri, Cuba
17,500 gls $1,750 Croft, Leith
750 bbls $3,750 Manuka, Havre
9,400 gls $2,020 Alsatia, Newcastle
76,250 gls $7,625 Alsatia, Newcastle
9,100 gls $910 Fulda, Genoa
MEAL—250 bgs $460 Caribbee, Barbadoes
200 bgs $400 Talisman, Barbadoes
OLEO—300 tcs $7,740 Amalfi, Hamburg
60 tcs $2,400 State of California, Glasgow
1,310 tcs $13,100 Loch Lomond, Rotterdam
162 tcs $5,670 Werkendam, Rotterdam
1 tc $287 Hekla, Christiania
PALM—2 hhds $340 Arthur M Gibson, St Domingo
PEPPERMINT—2 cs $228 Aller, Bremen
15 cs $1,406 Columbia, Hamburg
SPEARMINT—10 cs $640 Columbia Hamburg
PARAFFINE WAX—270 bbls, $270 New York, Southampton
410 bbls $4,100 State of California, Glasgow
350 bbls $3,750 Croft, Leith
ROOTS, SARSARABILLA—17 bls $830 Fulda, Genoa
5 bbls Manuka, Havre
SENEGA—4 bls $232 Fulda, Genoa
ROSIN—500 bbls $740 Iona, Bahia
100 bbls $260 A M Gibson, St Domingo
400 bbls $1,100 Wadsworth, Brazil
150 bbls $800 Wadsworth, Brazil
100 bbls $350 Teocle, Madena
180 bbls $772 Capac, Valparaiso
SANDPAPER—9 cs $214, Werkendam Rotterdam
STARCH—42 bbls $3,460 Nettie, St Thomas
STEARINE—25 hhds $3,054 Alsatia, Newcastle
TALLOW—170 tcs $1,500 Arthur, St Domingo
100 tcs $2,100 Werkendam, Rotterdam
TURPENTINE—100 cs $345 Iona, Bahia
300 cs $275 Millie J H, Brazil
100 cs $355 Capac, Chili
VARNISH—15 cs $475 Manuka, Havre
9 pgs $889 Loch Lomond, Rotterdam
17 bbls $579 Loch Lomond, Rotterdam
VASELINE—40 cs $1,116 Loch Lomond, Rotterdam
WAX—40 bbls $400 Cuflc, Liverpool
40 bbls $360 Chicago City, Bristol
20 bbls $375 Manuka, Havre
SPERMACETI—50 cs $835 Manuka Havre
WHALEBONE—61 bdls $12,750 La Bretagne, Havre
1 cs $1,100 Aller, Bremen

New Orleans Exports.

For week ending Nov. 9.

COTTONSEED MEAL—20,388 scks, Holsatia, Hamburg
OIL, COTTONSEED—3,000 bbls, Elsie, Trieste
3,000 bbls, Elsie, Marseilles

Boston Exports.

For week ending Nov. 9.

PHOSPHATE—1,514 tns, Miramar, Genoa
ROSIN—2,363 bbls, Sagetta, Hull
4,026 bbls, Leandro, Odessa
TURPENTINE—533 bbls, Sagetta, Hull
10 bbls, Amelia, Africa

Savannah Exports.

For week ending Nov. 8.

OIL, CAKE—725 scks, Columbian, Liverpool
OLEO—50 tcs, Ottoman, Liverpool
390 tcs, Columbian, Liverpool
STARCH—1,000 scks, Columbian, Liverpool

San Francisco Exports.

For week ending Nov. 2.

CASCARA SAG—47,685 lbs $2,155 King Cenric, Hamburg
COPRA—839,465 lbs $21,810 King Cenric, Hamburg
DRUGS—2 pgs $413 Saturn, Central America
4 pgs $111 City of Rio de Janeiro, China
FERTILIZER—363,050 lbs $3,992 J D Spreckels, Kahului
421,120 lbs $3,760 King Cenric, Hamburg
100,690 lbs $1,313 S C Allen, Honolulu
HOPS—568 lbs $123 City of Rio de Janeiro, Japan
18,888 lbs $400 City of Rio de Janeiro, Calcutta
OIL, LINSEED—30 pgs, Saturn, Central America
LUB—20 pgs $286 Saturn, Central America
4 pgs $112 Albert, Honolulu
WHALE—1,004 gls $400 City of Rio de Janeiro, China
PAINTS—56 pgs $173 S C Allen, Honolulu
228 pgs $1,118 Saturn, Central America
ROSIN—218 cs $354 San Jose, Central America
SODA, CAUSTIC—4,578 lbs $100 San Jose, Central America
TALLOW—273,044 lbs $11,425 King Cenric, Hamburg
24,122 lbs $1,408 San Jose, Central America

Baltimore Exports.

For week ending Nov. 2.

LOGWOOD—931 ft, Ohio, Rotterdam
130 pgs, Prodano, Havee
OIL CAKE—1,577 sks, Maryland, London
1,767 sks, Missouri, London
300 sks, Scandia, Hamburg
LUB—540 bbls, Scandia, Hamburg
OLEO—964 tcs, Ohio, Rotterdam
ROSIN—260 bbls, Barrowmore, Liverpool
500 bbls, Missouri, London
1,749 bbls, Nerano, Glasgow
STARCH—1,800 bxs, Ohio, Rotterdam
TALLOW—7,145 tcs, Ohio, Rotterdam
489 bbls, Prodano, Havre

GOODS ON THE WAY TO THE UNITED STATES BY SAIL.

RECORD OF VESSELS.

Port & Name.	Sailed.	Last Reported.
Auckland		
Ephialtes	July 24	..
Clan Ferguson	Aug 5	..
Calcutta.		
Glenfinlas	Sept 4	..
Ceylon.		
Minden	Apr 13	At Mauritius Sept. 6 in distress.
Castor		Via Galle, June 28
Federation	Aug 15	
Millwall	Aug 20	Via Galle, Sept 19.
Singapore.		
Hiddekel	July 4	..
W. C. South America.		
Mauna Loa	Due Nov	In distress at Valparaiso
T A Goddard	Due Nov	
Eureka	In distress at Valparaiso July 30	
Endsleigh	Due Nov	
St Julien	Due Nov	
E B Sutton	Due Nov	
Sabrina	Due Nov	
Bayard	Due Nov	
H B Hyde	Due Dec	
W H Macy	Due Dec	
Samaria	Due Dec	
Dan'l Barnes	Due Dec	
Howard	Due Dec	
Imperial	Due Dec	
Str Coya	Due Dec	
B F Packard	Due Jan	
A Obrig	Due Jan	

Auckland

TO NEW YORK

Ephialtes, 2,300 cs gum kauri
Clan Ferguson, 2,314 cs and 185 bags gum kauri

Calcutta

TO NEW YORK

Glenfinlas, 5,395 bgs saltpeter, 10,199 bgs cutch, 250 bgs tumeric, 1,000 bgs ginger

Ceylon

TO NEW YORK

Minden, 280 tons cocoanut oil
Castor, 433 tons cocoanut oil
Federation, 635 tons cocoanut oil
Millwell, 625 tons cocoanut oil

Singapore

TO NEW YORK

Hiddekel, 9,317 bls gambier

West Coast South America

TO NEW YORK

Eureka, 20,000 bags nitrate soda
Mauna Loa, 12,000 bags nitrate soad,
H B Hyde, 30,000 bgs nitrate soda
E B Sutton, 22,000 bgs nitrate soda
W H Macy, 22,000 bgs nitrate soda
Imperial, 14,000 bgs nitrate soda
Steamer Coya, 15,000 bgs nitrate soda
B F Packard, 24,000 bgs nitrate soda
Adolph Obrig, 16,000 bgs nitrate soda

TO BOSTON

Samaria, 15,000 bgs nitrate soda
Howard, 10,000 bgs nitrate soda

TO HAMPTON ROADS

Thos A Goddard, 7,000 bags nitrate soda
Daniel Barnes, 16,000 bgs nitrate soda

TO PHILADELPHIA

Bayard, 16,000 bgs nitrate soda

St Julien, 12,000 bgs nitrate soda
Sabrina, 8,000 bgs nitrate soda

TO SAVANNAH & CHARLESTON

Endsleigh, 18,000 bgs nitrate soda

TOTAL IMPORTS AT NEW YORK.

In the following table we give the total imports, in packages unless otherwise specified, and their value at the port of New York, for week ending Nov. 10, 1893:

	Quantity.	Value.
Glass, plate	127	8,796
Glass, window	15,106	19,487
Lookingglass plates	70	10,275
Acid, citric	55	3,355
Acid, all others	102	8,529
Aniline colors	273	17,418
Aniline salt	218	9,057
Ammonia, carb. of	15	667
Ammonia, muriate of	35	1,267
Argols	2,284	38,357
Albumen	8	61
Alizarine	25	1,613
Asphalt	....	667
Balsam copaiba	4	336
Balsam, all other	6	713
Bark, all other	10	163
Barytes, all others	5	226
Bay leaves	25	248
Bleaching powder	380	7,777
Brimstone	....	32,825
Bronze powder	....	8,835
Burgundy pitch	125	522
Cacao butter	10	321
Chemical salt	100	1,799
Chicory	4,451	8,829
Cocaine	2	1,404
Cuttlefish bone	50	294
Dextrine	20	186
Dyewood extract	3	14
Ergot	9	833
Fish sounds	10	326
Flowers chammomile	56	1,257
Flowers	35	616
Fullers' earth	996	1,119
Gambier	53	505
Gelatine	48	2,765
Glycerine	250	17,910
Gum, arabic	20	820
Gum, aloes	100	230
Gum, benjam	13	208
Gum, chicle	292	9,919
Gum, copal	128	734
Gum, gamboge	11	617
Gum, licorice	10	259
Gum, shellac	25	1,663
Gum, senegal	210	3,846
Gum, tragacanth	26	2,537
Gum, all other	1	15
Glue	37	1,125
Gypsum	100	632
Iodine	150	23,184
Juniper berries	100	153
Laurel leaves	25	265
Leeches	4	63
Locust beans	4	7
Manna	51	1,471
Manganese	83	110
Manure salt	....	8,247
Mica	12	692
Morphine	3	1,472
Oil, amber	5	85
Oil, bergamot	50	3,254
Oil, caraway	1	188
Oil, cod	450	4,527
Oil, juniper	2	167
Oil, lavender	20	785
Oil, lemon	113	3,450
Oil, origanum	13	114
Oil, orange	7	210
Oil, olive	2,745	20,783
Oil, palm	8	710
Oil, poppy	1	44
Oil, rape seed	63	1,326
Oil, rose	4	11,303
Oil, rosemary	10	403
Oil, thyme	15	991
Oil, other essential	17	1,626
Oil, all other	1	47
Opium	10	3,494
Orange peel	50	359
Paints (unspecified)	....	3,390
Paint, Berlin blue	1	81
Paint, iron oxide	25	250
Paint, ocher	300	1,105
Paint, orange mineral	14	520
Paint, tuscan red	35	991
Paint, umber	500	852
Paint, white lead	62	1,479
Pitch	308	1,274
Potash, chloride	295	4,069
Potash, carbonate	10	368
Potash, crude	20	842
Potash, prussiate	25	3,599
Persian berries extract	2	94
Potato starch	101	509
Plumbago	80	1,234
Quinine	26	2,800
Root, jalap	1	92
Root, licorice	20	573
Root, orris	30	635
Root, sarsaparilla	98	4,614
Root, valerian	100	591
Root, all other	409	4,462
Salicine	2	537
Sage leaves	1	28
Senna	20	340
Soda ash	5 409	18,998
Soda, caustic	334	3,873
Sponges	103	775
Sumac extract	25	788
Tonka beans	23	866
Ultramarine	14	647
Vanilla beans	54	58,476
Varnish	1	7
Venice turpentine	15	345
Verdigris	2	254
Chemical instruments	16	497
Optical instruments	11	1,665
Surgical Instruments	1	941
Alcohol	40	1,407
Brandy	857	9,217
Gin	1,185	4,792
Rum	159	1,489
Whiskey	250	3 269
Wines	5,014	35,626
Dutch metal	8	2,324
Chillies	102	870
Ginger	12	46
Mace	10	396
Nutmegs	46	1,021
Pepper	409	3,618
Pimento	3,595	22,227
Corkwood	....	1,550
Empty barrels	....	90
Fustic	....	465
Logwood M lbs	734	7,746
Blacking	....	4,044
Brushes	....	3,020
Candles	....	283
Clay	....	3,181
Carbon	....	72
Corks	....	31
Cocoa, bgs	689	9,915
Cocoa shells	100	81
Cocoa, prep. of	365	9,643
Matches	427	2,877
Plaster	....	3,396
Portland cement	20,681	28,349
Perfumery	137	17,287
Powder polishing	....	356
Seed, annatto	15	94
Seed, anise	100	1,409
Seed, cardamom	2	113
Seed, castor	40	72
Seed, fennel	3	60
Seed, millet	200	363
Seed, mustard	325	2,882
Seed, poppy	400	2,032
Soap, castile	6,154	18,236
Soap, all other	750	6,300
Wax	....	500

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Leather, - - $3.00, delivered, $3.27

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St. Vincent Arrowroot.

About three years ago, at the request of the government of the Windward Islands, a somewhat exhaustive inquiry was undertaken at Kew Gardens into the circumstances of the arrowroot industry at St. Vincent, recently referred to in this journal. Arrowroot, next to sugar, has been a staple article of export from this interesting island. In fact St Vincent arrowroot forms one of the principal sources of supply of this well-known article of food, and until about three or four years ago, its production supported a fairly prosperous industry. In 1889 the Governor in-Chief of the Windward Islands, was struck by the depressed condition into which it had fallen, and sought to trace the causes which had led to the decay of an industry that hitherto had been a source of wealth to the island. There are reasons to believe that the suggestions made to the St. Vincent planters in 1890 have proved of material service to them. Since 1890 the arrowroot industry has certainly revived, and although much of this revival may have been due to purely accidental causes or to favorable changes in the world's markets, there remains, however, an appreciable margin of probability in favor of better cultivation and of improved methods of manufacture.

Owing to the fall in the value of sugar, the production of arrowroot in the West Indies has been extended rather beyond the demand. The wholesale price has consequently fallen to an almost unremunerative point. This low price, however, will permit it to be used for whatever purposes the commoner kinds of starch are now employed. In some respects it is superior to common starch, and the attention of large users of starch should be given to this comparatively new source of fine starch. Arrowroot swells much more readily and with less heat than maize, rice, or wheat starch, and forms a stiffer jelly. It is, therefore, highly adaptable for sizing and laundry purposes. This property is attributed to the larger size of the granules of arrowroot starch, which are among the largest of the starch granules, whereas the granules of wheat, maize, and rice starch are very small, and will contain a greater proportion of starch cellulose and less granulose, the latter being the substance which swells when dissolved in hot water. Another use for which arrowroot starch is suitable, on account of its great purity and freedom from chemicals, is for the preparation of powder for the skin. Many of the powders sold are composed of questionable ingredients. Arrowroot well crushed and dried on a plate before the fire is both simple and safe. It is an article of food, however, that it has hitherto been mostly used, but the high retail price put on it (from 8d to 2s per lb) has kept it out of general use Of course, being starch, it cannot have the flesh-forming power of flour and other nitrogenous meals, but it is the purest, most digestible and palatable of the starches, and is devoid of the unpleasant taste or flavor observed in potato starch and in the so-called cornflower and other starches extracted from the cereals by the caustic soda and fermentation processes Regarding the annual production of arrowroot we have not been able to obtain many statistics. Bermuda raises only 500 to 700 kegs, so that little of what is sold in Bermuda really comes from there. Natal produces 2,000 to 3,000 cases, and St. Vincent about 22,000 barrels, 20,000 of which come to England, and most of the remainder is sent to America. The production of other countries is small.

We extract the following from a letter from the Royal Gardens, Kew, to the Colonial Office:

"I am desired to inform you that there has been forwarded to Kew, at the request of the Governor in Chief of the Windward Islands, an extensive series of plants and tubers of the common arrowroot, of manufactured arrowroot, of the soils of the principal estates producing arrowroot, and detailed descriptions respecting the methods pursued at St. Vincent in cultivating and manufacturing arrowroot.

"2. These specimens were sent with the view of instituting an inquiry into the circumstances which have led to the low prices paid in this country of late years for the best brands of St. Vincent arrowroot, and in the hope that some useful suggestion might be obtained calculated to revive the name and credit of this article in the London market.

"3. As the subject was felt to be of considerable importance steps have been taken to obtain as much information as possible on his side. The plants and roots have been examined, the soils have been analyzed by an agricultural chemist, the manufactured article has been submitted to experts for valuation and report, and the methods of cultivating and manufacturing arrowroot pursued at St. Vincent have been carefully compared with the methods pursued in other countries.

"4. The general results of the inquiry will be given in detail later. It is well known that the best arrowroot at present in the market is Bermuda arrowroot. This obtains prices more than double or even treble those obtained for St. Vincent arrowroot. Bermuda arrowroot may therefore be taken as the standard of what a good arrowroot should be, and the circumstances of its cultivation and manufacture are well deserving of consideration.

"5. There is no reason to suppose that the arrowroot plants cultivated at Bermuda and at St. Vincent differ in any essential respects from one another. Plants have been obtained direct from Bermuda and cultivated in the Bahamas and other islands in the West Indies, and the arrowroot prepared from them according to West Indian methods has been classed as St. Vincent aroowroot.

"6. As regards soil, we appear to have no authentic analysis of Bermuda soils. It may, however, be assumed that they have been formed by the disintegration of coral rock, and that they are tolerably rich in lime, phosphric acid, and other important constituents of plant life. In a recent account of the arrowroot industry in Bermuda it is stated that 'the ground is first well manured and ploughed deep.' The advantage derived from such treatment is obvious. The St Vincent soils, on the other hand, as may be gathered from the analyses furnished by Mr. John Hughes, are 'singularly poor in nitrogen, phosphoric acid, and potash; they are further of a very silicious character, and posess small retentive properties.' It does not appear that manuring is regularly and systematically pursued on St. Vincent estates, and deep ploughing appears to give place to hole digging with hoes.

"7. It is impossible to institute a more detailed comparrison between the cultural methods pursued respectively at St Vincent and at Bermuda; but enough has been said to show that the advantages as regards soil and culture so far lie with Bermuda

"8. It is probable, however, that the superiority of Bermuda arrowroot depends as much upon the methods of manufacture as on soil and its treatment. In the account of the industry already cited, stress is laid on the fact that 'at Bermuda the roots, after being collected, are washed, and their outer skins completely removed; this operation has to be performed with great nicety, as the cuticle contains a resinous matter which imparts color and a disagreeable flavor to the starch, which no subsequent treatment can remove.' In the accounts given of the manufacture at St. Vincent, it appears that the skin is not always so carefully removed from the roots before any are pulped. One account, however, states that 'in former times the roots were very carefully skinned with German silver knives . . . but it was so laborous and expensive it was discontinued. The method of pulping now generally adopted is to feed the clean unskinned roots against a fine saw grater, very similar to a potato grater.'

"9. In other respects, the process of manufacture pursued at St Vincent, appears to be carried on without that scrupulous care and attention to details pursued at Bermuda. There may also be some difference in the quality of the water employed. The peculiar blue tint noticed in Bermuda arrowroot is said to be due to the use of water from limestone springs. If water from streams or rivers is used at St. Vincent, although wholesome and pure, it may still be capable of giving a dark color to the arrowroot.

"10. It is evident, however, that the present position of St. Vincent arrowroot is only to a small extent due to the character of the water. At one time, when possibly the same water was used, the quality was much better. It is probable that a gradual exhaustion of the soil and a less skilful and a cheaper method of preparation have been the determining circumstances. In any case it is clear, as shown in the report by Messrs. Fergusson & Forster, that 'during the last few years there has been a considerable falling off in quality and appearance (in St. Vincent arrowroot) so much so that they now have reached the low level of inferior brands. In other words, they have lost their reputation.'

"11. Messrs. Fergusson & Forster are supported in their opinion by other experts to whom samples of arrowroot have been forwarded from Kew. It would be fruitless to dwell any longer on this point. The fact appears to be established that St. Vincent arrowroots in their present condition will only obtain the lowest prices. It remains, therefore, for the planters in St. Vincent to realize the fact, and to make a systematic effort to bring about a more satisfactory order of things. The matter is evidently in a great measure in their own hands, and if they will energetically grapple with the situation there is every probability that they will ultimately re-establish the good name of their produce.

The Malt France Mining & Milling Co., Colorado Springs, Col., was incorporated Oct. 24, with a capital stock of $900,000.

The Cleopatra Silver Mining Co., Chicago, Ill., and Pitkill, Col., was incorporated Oct. 25, with a capital stock of $2,500,000.

The Sunbeam Mining & Milling Co., Ouray, Col., was incorporated Oct. 25, with a capital stock of $500,000.

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Italian Anise Seed
German Fennel Seed
Gum Asafœtida
Tinnyvilly Senna
German Chamomile Flowers

[Special correspondence to the REPORTER]

Borax and Quicksilver in California.

SAN FRANCISCO, Nov. 4, 1893.

We are rapidly approaching the end of the year which, as far as quicksilver and borax are concerned, has not seen very eventful It is true that there have been a good many new borax locations effected and that many new deposits of quicksilver have been found, but the market has remained on a pretty steady basis. Both are well in hand and unless there should be much capital seeking employment there will be no serious interference with the practical monopoly enjoyed in each.

We are to have some more quicksilver prospects tested before the year is closed. Napa and Sonoma counties seem to be the ones most favored of late, and now the latter is about to add to the list of quicksilver prospects. It is, too, the result of accident, as there was no special search being made for the metal. While boring a well at the Peterson place on the laguna at Santa Rosa a man named Cole struck quicksilver. It was found at no great depth, just twenty-one feet, and was at first noticed in the form of flowers, but as a liquid. A quantity of it was gathered and worked into little pieces about the size of ordinary shot. Mr. Cole was not looking for any such thing as liquid quicksilver, but saved all he could. He thinks that he has made a valuable find and intends to follow it up; it is but seldom that quicksilver is found in the liquid form and if there should be any large quantity of it in this form he has made a very valuable discovery, and as quicksilver is generally found in the form of an ore, it is not considered improbable that many persons have passed over similar deposits without knowing their character.

The movement of quicksilver to market has been pretty lively during the week ending November 1st. The receipts for the week were 981 flasks. The outward movement by sea was confined to 250 flasks to Mexico by steamer. It was manifested at $40 per flask. On the 1st of November there was a reduction of 50 cents per flask made in this market, so that the price is now $40 50 for 50 flasks and upwards and $41 for a smaller quantity. The increased receipts from the California mines have no doubt given rise to this reduction, which may be expected to be permanent.

There is nothing special to be said about borax market, which goes on the even tenor of its way. There have been no exports of consequence for the past two weeks except by rail.

The Lazalle Mining & Milling Co., Tacoma, Washington, was incorporated Oct. 21, with a capital stock of $50,000.

Naval Stores Statistics.

We are indebted to Messrs. Paterson, Downing & Co. for the following stocks, receipts and shipments of naval stores during the month of October:

Movement at New York, Wilmington, Charleston, Savannah and Brunswick.

	1893.		1892.	
	Spirits.	Rosin.	Spirits.	Rosin.
*RECEIPTS IN OCTOBER.				
New York...Net	1,5[illegible]7	6,808	2,160	12,5[illegible]1
Wilmington....	3,132	14,799	4,119	22,726
Charleston.....	1,492	4,682	1,922	6,386
Savannah.....	26,510	91,677	24,312	84,927
Brunswick	2,397	7,723	4,114	12,875
Total.....	35,038	125,689	36,627	139,495
RECEIPTS SINCE APRIL 1.				
New York.....	18,879	67,986	26,049	101,925
Wilmington....	31,958	110,376	42,034	142,269
Charleston	15,335	54,567	18,212	63,985
Savannah	2[illegible]2,155	553,469	215,027	611,656
Brunswick	28,257	78,981	37,344	96,514
Total..	295,580	875,379	338,716	1,016,350
EXPORTS IN OCTOBER.				
New York.....	1,167	18,408	2,825	21,333
Wilmington....	1,489	15,323	4,911	34,464
Charleston.....	2,664	6,805	....	9,075
Savannah	26,847	73,872	20,988	28,591
Brunswick	2,622	13,067	3,955	8,202
Total.	34,720	127,475	32,679	101,665
EXPORTS SINCE APRIL 1.				
New York.....	11,533	113,459	16,878	137,037
Wilmington....	3,248	81,886	17,242	142,332
Charleston	10,953	36,665	5,615	52,752
Savannah	129,558	327,310	130,298	300,920
Brunswick.....	22,481	58,012	29,808	79,060
Total.....	182,773	617,333	199,841	712,101
STOCK, OCTOBER 31.				
New York.....	818	14,830	718	23,017
Wilmington....	2,025	49,001	550	28,746
Charleston	892	7,557	1,675	9,170
Savannah	10,766	135,786	1[illegible],635	94,394
Brunswick	3,139	26,289	5,516	2[illegible],844
Total.....	17,640	233,463	19,094	181,171
*EXPORTS TO NEW YORK FROM				
Wilmington....	1,191	822	2,153	1,949
Charleston.....	3[illegible]5	939	763	2,790
Savannah	2,942	20,124	3,106	23,986
Brunswick	500	2,423	250	1,683
Total.....	4,978	24,308	6,272	30,408

*The above are not included in New York receipts, but are included in receipts at the given points. New York receipts are made up of outside points, as Georgetown, Florida, Mobile, etc.

Drug Market.

(*Continued from page39.*)

Jaborandi.—Stocks here are exceedingly small and prices are more or less nominal at about 60c.

Sage.—Of ordinary picked sage we get sales of 10 bales at 5½c, and note an active market for all descriptions.

Senna.—Aside from the usual needs of the consuming trade, no interest developed, the market being extremely quiet. On Tinnevilly the range of quotations remains at 6@20c and Alexandria 14@17c. Of 480 bales lately sold in London, the entire quantity is said to have brought improved prices.

Roots.

Golden Seal.—The recent advance is strongly supported and nothing is offering under 22c. There are no large parcels available on the spot and none of consequence forthcoming.

Ipecac.—The demand has subsided materially and quotations continue weak at $1 15@1 25, as to quality.

Mandrake.—The requirements of the jobbing trade show the usual extent of interest. Current sales are proceeding on the basis of 3¼@3½c.

Sarsaparilla.—For Mexican the interest of buyers has revived and this week there were important inquiries both for domestic and export wants. However, the market being practically bare of supplies, no large lots changed hands. Importers are said to be without a bale and the small holdings on the outside afford no scope for active trading. Prices are higher to-day and 10c is the inside on passing business.

Senega.—The market retains the features heretofore noted 45c is quoted as acceptable for ordinary quantities.

Serpentaria.—The situation is daily becoming more interesting. On the spot there is but little offered, while in the interior the reports denote that holders cannot be induced to meet the views of buyers and are contending for higher prices. Sales in jobbing quantities are reported this week at 26c here, but it is impossible to purchase round lots in the face of a bare market.

Seeds.

Anise.—The market is reported higher in Italy, owing to continued drafts on the stock there and the reduced supplies now available. On the spot considerable activity is noted and about 100 bales are reported sold at the range of 10@10½c.

Canary.—In sympathy with the upward movement abroad, this market is firmer and for Smyra seed 2¾@2⅞c, as to quantity, is asked. Sales at 2¾c are reported, but only small parcels have been available at that figure. Sicily is quotable at 2¾@3c.

Celery.—There has been no further important action in this article since our last. Prices retain their strength and 19@20c is quoted, but owing to limited offerings and a scarcity of goods but little business has been accomplished. In the European markets it is stated that all the seed on hand has been brought up for American account, and the cost to import is now given at 17½c.

Hemp.—The market is firm. Goods to arrive are not offering below 2⅝c for Russian, and for spot the price is 2⅝@2¾c, as to quantity, a fair inquiry being noted.

Mustard.—For California brown and yellow seed an extensive demand has developed from European sources, and already large quantities have been purchased for that account. This has had the effect of absorbing a considerable part of the crop now on the coast, especially prime seed, and although in the interior of California some holdings are still unsold, the owners cannot be approached at present prices. As they refuse to name any price at which business can be done, it is reported that the short sellers on the coast are becoming uneasy and are anxiously looking around to cover themselves, which they can now do only at a loss. European parties are offering to buy on the basis of 2¾c f. o. b. California for brown and yellow seed, but we hear of no business being completed as yet at that margin. It is the opinion of some of the local dealers that the foreign buyers can afford to pay an advance over this figure. Should they conclude to meet the views of American producers and holders, it may, in the judgment of some, cause a stampede among the shorts. At any rate, the prospects for higher prices during the balance of the season seem now very favorable.

On the spot, supplies are exhausted, and the expected arrivals on the steamer Newport were not received, the seed on board being freighted on a through bill of lading to European ports. The steamer Columbia now due from the coast, will, it is said, land a small quantity for this market. We quote for spot goods 4@4½c for California yellow, and 3½c for brown.

Shellac.

The chief interest this week has centered on the news from abroad the markets both in London and Calcutta being agitated and an upward tendency of prices has set in there. Cables from London to-day report unusual activity, some 2,500 chests having been taken up in the open market at an advance of fully four shillings, a large portion of which stock was bought in by Calcutta importers. In the latter market the offerings of marks have virtually ceased, owing to scarcity. These features of the foreign situation have strengthened this market materially, and although quotations have not yet been revised the trade is expecting an advance within a few days. There were buyers in the field yesterday for large lots, but, owing to the reluctance of holders, who could not be induced to close engagements for round quantities, on the basis of present values, the negotiations resulted in no important sales. Stocks here are said to be comparatively light, and S. S. and S. D., with other intermediate grades are very difficult to obtain. While the position of shellac is extremely firm, we are not to-day called upon to change our quotations, which remain as follows: D. C., 34@35c; octagon B., 29½@30c; V. S. O., 30@31c; S. S. and S. D., 29@30c; T. N., 25@26c; garnet, 24½@25c, and button 32@33c.

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DRUG MARKET.

Note—Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures

Complete prices current will be found on pages 41 and 42.

SATURDAY EVENING, Nov. 11, 1893.

Following the favorable showing recorded in our preceding review the market for drugs has this week been fairly active, particularly in a jobbing way. As yet, however, there is an absence of inclination to purchase extensively in anticipation of future requirements, and the character of the current movement therefore reflects the disposition of the trade to cover actual wants only. The progress made since the beginning of the month is viewed as a gratifying feature of the trade, and the belief is now widespread that during the remainder of the year business will exhibit a steady development. There is an unmistakably better feeling pervading drug circles and the tone of the market emphasizes the fact that confidence is gradually being restored. While we are unable to report many changes in quotations, firmness in prices is one of the prominent features of the general list, and the fluctuations during the week have as a rule, taken an upward range. For quinine there continues a good inquiry and values are exceedingly firm; opium is weaker and shellac continues strong.

ADVANCED.	DECLINED.
Mex. Sarsaparilla	Gum opium
Balsam copaiba	Powdered opium
Gum benzoin	Sassafras bark
Tonka beans	

Opium.

The market for opium retains the general features which have been prevailing for the past month or more, and this week the buyers are more favorably situated for securing supplies than they were at the date of our last. In a jobbing way there has been a very limited inquiry, while the demand for round lots is wholly dormant. Here and there an occasional case changed hands, but on such transactions, business could be done only at a concession from last week's figures, and the bulk of the sales were accomplished at $2 40@2 42½c for original packages. Broken cases brought $2 40@2 45 as to quantity and test and the market closes depressed. Powdered opium is held at a lower range and is now available at $3 15@3 25. Under date of October 14, the Smyrna correspondent of a London contemporary writes as follows: "During the past and present weeks there has been a total absence of business in our opium market, in spite of the fact that small needy holders are becoming anxious to sell, and have to-day offered opium at a reduction of about 5d per lb under the current quotations. It looks as though no business to speak of will take place here for some time, and it is therefore highly probable that prices will be run down to 10s@10s 3d per lb for usual run talequale, old or new, provided we have some rain before the month is out. Rain is now very much needed to ensure the success of the autumn sowings." Referring to the foregoing the same journal adds: "A report from another source confirms these statements, and even indicates that, unless American orders come in, a general decline of 1s per lb may be expected. The statistical position of the article is, however, entirely opposed to this state of the market; the arrivals in Smyrnia, for instance, since the opening of the season, have only been 660 cases, against 3,025 in the corresponding period of 1892. It is reported to-day that, owing to the failure of a large Constantinople banking firm which is believed to have been intimately connected with the opium market, prices in Smyrna and Constantinople have fallen to the extent of about 7d per lb."

Quinine.

The demand from consumers continues to promote activity in the market for quinine, and during the period under review probably 100,000 ounces have changed hands. Prices remain inflexible at 19½c cash for foreign brands in second hands and 19¾@19¾ on regular terms. This range of quotations is enabling the manufacturers to secure a share of the current business and they are booking numerous orders at 20c for delivery up to the first of January. Beyond that date the manufacturers are not entertaining contracts and this strengthens the general impression that the quinine makers contemplate some important changes in the schedule of prices, about that time. The cinchona bark sales this week at Amsterdam, went off at an advance of twenty per cent over the prices paid at the preceding auctions, and about 90 per cent. of the entire offerings of bark found buyers. This result is construed as an indication that the bark market is now in the position that the manufacturers have been striving to reach and that it will afford justification for the advance in prices which it is assumed they intend to make.

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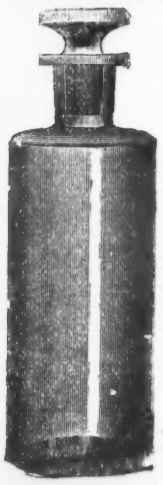

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Miscellaneous.

Alcohol.—There have been no interesting features connected with the trade in alcohol this week. A fair demand from consuming channels is reported, and the recent advance is being maintained. We quote the market at $2 24@2 28, and on current business the usual conditional rebate applies.

Wood Alcohol.—We hear that trade is quiet, as buyers have supplied themselves at the low prices established not long since. The quotations are steady at $1 for 95%, $1 05 for 97% and $1 50 for alcholene.

Borax.—The requirements of the trade continue to carry fair quantities into consumption, but though the aggregate of transactions is satisfactory there are no large individual sales to report. Prices are steady and we quote: California refined at 8@8½c, city refined, 8¼@8½c, concentrated, 7½@8c, and powdered, 8@8½c.

Cacao Butter.—The usual distribution has taken place. Values are steady, owing to the better feeling abroad, the tendency here remains strong, and values are quotable at 33½@35c. Six tons are reported sold within this range.

Cantharides.—While the market shows no pronounced features, a slight improvement in the inquiry is reported. Prices on both Russian and Chinese are unchanged.

Castor Oil.—Manufacturers report a good distribution and the results for the season are satisfactory. Prices are unchanged and in first hands quotations remain firm at 14½@15c in barrels, and 15@15½c in cases.

Cod Liver Oil.—The market displays satisfactory activity, and the views of holders are firm, especially for prime grades of oil. There is said to be considerable old oil offering yet at very low prices. The range of the market remains at $18 75@22 as to grade.

Cuttle Bone.—Beyond the ordinary requirements of the jobbing trade, we hear of no business. Prices are unchanged and we quote Trieste at 11@11½c as to selection.

Ergot.—Dullness continues to prevail in this article and on the small sales of the week our range of quotations is without change. German is held at 30@33c and Spanish at 33@40c.

Glycerine.—Jobbing orders constitute the bulk of current business. Prices are steady and according to quantity and style of package, the quotations are 13½@15c.

Lycopodium.—Values continue firm and local supplies are said to be reduced and held by strong hands. Sales were not extensive and 55@60c is quoted, as to quality.

Manna.—An easier tone is noted, but there has been no further material change in prices. Small flake is selling at 36@40c, large flake 90@95c and sorts 28@30c.

Menthol.—Holders are not disposed to part with their goods except at full figures. No large sales have occurred, and the range of $4@4 25 is being maintained.

Quicksilver.—The market is without special features and values are being supported at 52@54c. No business of importance has developed. The situation at San Francisco is reported as follows: The market is quotable $40 50 for 50 flask shipments $41 for a less quantity, a reduction of 50c being made November 1st. A year ago the price was $41 50@42; at the same time in 1891 at $48@50. Receipts, Jan. 1893, 2,260 flasks; February, 2,388 flasks; March, 1,588 flasks; April, 1,460 flasks; May, 2,389 flasks; June, 2,789 flasks; July 2,014 flasks; August 1,923 flasks; September, 1,088 flasks; October 2,811 flasks; total since January 1st, 20,710 flasks. Corresponding period 1892, 17,732 flasks.

Salicine.—Importers are quoting at $1 50, but second hands are holding the article at $1 75.

Sponges.—There have been no new developments in the sponge situation this week. Business is running in the customary channel and we continue to quote Key at $2 35@2 45 and medium Rock Island at $2 75@3.

Sugar of Milk.—The market is somewhat dull. Domestic brands are still being quoted at 11@14c, as to quantity.

Balsams.

Copaiba.—Dealers in most instances are realizing a slight advance over the figures last quoted, and 36@40c is the range generally fixed for Central American. This is due to the fact that local supplies are fast diminishing and no further shipments to this port are in sight. Importers have no stocks and second hands are offering quite sparingly.

Fir.—The market is without important action, the current demand being of a routine nature. There is still a light supply of Canada balsam, but the interest of buyers is temporarily dormant. Quotations on this variety are firm at $3 10@3 25, while for Oregon the price is 75@85c.

Peru.—This article is in a strong position and values are somewhat higher. For prime qualities the range is now $1 45@1 55, but lower grades are yet available under this limit. Spot holdings are said to be much reduced and as the demand is growing additional firmness is looked for.

Tolu.—While values are without actual change, the tone of the market is strong and under a fair inquiry, holders are anticipating an advance. We continue to quote at 24@26c.

Barks.

Buckthorn.—The interest recently excited in this article has subsided and we hear of no sales of consequence. Values are unchanged at 7½@8c.

Cascara Sagrada.—In a small jobbing way the market is reported steady, but there is no important inquiry to chronicle. Current sales are being made at 6½@7c, as to holder.

Sassafras.—Sales have been made at a decline from our previous quotations, and we now name 6½@6¾c as the range. During the week only a jobbing interest was shown.

Beans.

Tonka.—The market is extremely firm and higher prices are being asked. Sales have this week been made at $1 90 as the inside on Angostura, but the transactions were small. Some holders decline to quote on lots exceeding 1,000 lbs, and as spot stocks are becoming very light the feeling favors a further appreciation in prices.

Vanilla.—There are no changes to report. Business is satisfactory and prices are being firmly supported on all grades. Mexican are quoted at $6@13 and Bourbon at $3@8, as to quality. Sales of 200 lbs of the former are reported.

Berries.

Cubeb.—Depression continues to rule this market, and during the week buyers have been scarce, only absolute wants receiving recognition. The price has not gone lower than 18c, but a firm bid on quantities would probably not be turned down at a fraction under that figure.

Juniper.—This article still occupies a favorable position, and, owing to the partial failure of the crop in Italy, holders are generally selling at the advance noted last week. However, there are yet sellers at 2c in this market. We get sales of 35 bags at 2¾c.

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DODGE & OLCOTT
NEW YORK

Essential Oils.

In a general way there has been some improvement in the tone of the market, and at the same time an increase in the volume of trading has occurred.

Cassia.—This oil is generally held at the former range of 80@85c, and the trade seems to entertain firm views regarding the future. However, it is believed that sellers can be found who would be willing to go below the inside figure, and it is intimated that 75c, and possibly less, would bring out goods on an order for fair quantities. We hear of none but sales of jobbing quantities.

Clove.—Oil of cloves continues to be distributed at 52½c, but the inquiry discloses no special interest on the part of buyers.

Cubeb.—No indication of a change for the better is manifested. In sympathy with the low prices of the berries, the essence keeps to the range of $2@2 10, and only a slight business is noted.

Lavender.—Considerable activity is reported in oil of lavender flowers, sales aggregating about 2 500 pounds having been made during the week. On the various grades reported sold the prices paid ranged from $1 35@1 60.

Lemon.—The tone of the market appears to be easier. Dealers are to be found who claim to be prepared to sell on forward contracts at $1 60@1 65 for the best grades, while ex store the same qualities are quoted at about $1 70. For inferior goods down to $1 is acceptable.

Peppermint.—There are no new features to note. A fair demand for consumption has been experienced and the tone of the market indicates improvement. We quote Wayne county $2 45, Western $2 35 and special brands $2 50@2 75.

Rose.—The market is very firm at previous figures, but the volume of trading shows no special expansion.

Flowers.

In the market for flowers there are no particularly interesting features to speak of. Arnica are maintained at the former range, chamomiles are without quotable change and lavender are meeting with a seasonable demand. American saffron is held at 32c as a minimum price, and a fair inquiry is reported. Valencia saffron of the new crop may be purchased at $6 50@7 and Alicante at 5@5 25.

Gums.

Arabic.—A better inquiry is noted from the jobbing trade, and on such orders we are reported sales aggregating about 200 packages at full prices.

Asafœtida.—The market features have not changed. Quotations are steady at the previous range, and a satisfactory movement has taken place. We quote as follows from a London paper of recent date: "The chief feature of interest at to day's auctions was the sale of 199 cases of this gum, just imported from Bassorah. The market for asafœtida having been very bare for a long time, the parcel was strongly competed for by home, continental and American buyers, and the whole of it was disposed of at exceedingly high prices for the finer qualities, but at a decided decline for the more common grades. The present is the usual time of the year for the arrival of the new asafœtida crop."

Benzoin.—Higher quotations are ruling this week owing to scarcity of supplies and the figures now asked are 35@40c as to quantity.

Camphor.—Manufacturers are yet quoting at 45c in barrels and 46c in cases. Second hand have apparently ceased underselling these figure.

Chicle.—The market is a little firmer in tone but there is no large business to report. Quotations to-day are ranging from 23@24c.

Tragacanth.—Consumers are showing a revival of interest. We are reported sales of 25 cases at our range.

Herbs and Leaves.

Coca.—The demand is extremely light and prices show no change. From London we learn that the supplies there are very large and prices somewhat depressed.

Henbane.—The jobbing requirements have carried small lots out of the market, but large orders are lacking. On current business 6½@7c is being paid.

(*Continued on page 94.*)

DRUGS Chemicals AND Chemical Apparatus PLATINUM

FILTER PAPERS
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Strictly Chemically Pure Acids
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BROWN VITRIOL, RECTIFIED VITRIOL, MONOHYDRATE, HIGH TEST SULPHATE OF SODA OR SALT CAKE, in bulk, or ground and packed. HYDROCHLORIC ACID, Common or Purified. CHLORIDE OF CALCIUM,

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SULPHUR

ROCK, ROLL, FLOWERS.

CHLORIDE OF IRON. CHLORIDE OF MAGNESIUM. ULTRAMARINE.
SULPHIDE OF SODIUM.

Original Package Prices.

From Importers and Manufacturers, for original packages and large lots. Prices often vary according to quality and holder. For broken lots higher prices are asked

Oils, Etc.

Vegetable Oils.

Linseed, City Raw, in bbls	℔ gal.	.40 @—
Boiled, in bbls		.43 @—
Out of town on spot		.38 @—
Calcutta, Raw, in bbls		— @62
Rapeseed, in bbls		.60 @65
Mustard		.61 @62
Cottonseed Crude Prime		35 @36
" " f.o.b. mills		.28 @30
Crude off quality		30 @33
Yellow Summer Prime		.39 @40
Yellow Summer, butter		.41 @42
Yellow Summer off quals		33 @36
White Summer		.43 @45
Yellow Winter		.49 @51
White Winter		.50 @52
Soap stock	℔ lb.	1¾@ 1¾
Olive	℔ gal.	.58 @62
Soap Stock	℔ lb.	4¾@ 5
Palm, Prime		6¾@ 6¾
Red oil		5¾@ 6
Cocoanut, Domestic		— @—
Ceylon		5¾@ 5¾
Cochin		6¾@ 7
Cuban		— @—
Castor, No. 3		.11¾@12
Poppy		.85 @98
Rosin, First run	℔ gal.	.10 @—
Second run		.11¾@12
Third run		.13¾@14
Fourth run		.16 @17

Animal and Fish Oils.

Whale, Natural winter	℔ gal.	45 @46
Natural spring		.44 @45
Bleached spring		.47 @48
Bleached winter		.48 @49
Extra bleached winter		.50 @51
Sperm, Crude		65 @68
Natural winter		73 @ 75
Bleached winter		78 @ 80
Natural spring		.68 @70
Bleached spring		.73 @75
Sea elephant, Bleached winter		— @57
Unbleached winter		— @—
Seal, bleached winter, water white		— @55
Steam refined		.47 @49
Lard, prime city		— @ 78
Western prime		— @78
Extra No. 1		— @53
No. 1		— @45
No. 2		— @40
Menhaden, Prime crude		.33 @35
Good merchantable		— @—
Brown strained		.36 @37
Light strained		.38 @39
Extra Bleached winter		.44 @—
Bleached winter		.42 @43
Extra bl. winter white		.45 @46
Bleached spring		— @—
Bank		— @35
Straits		— @36
Herring		— @—
Cod, Domestic, prime		.39 @40
Newfoundland		.42 @45
Black Fish, Crude		— @—
Natural		— @—
Bleached winter		— @—
Degras, English		2¼@ 3
Germam		2 @ 2¼
French		7¼@ 8
Tallow, Prime		.50 @55
Neatsfoot Prime		.65 @ -
No. 1		.58 @60
No. 2		.50 @52
Elaine red		@—
Saponified red	℔ lb.	5 @ 5¼

Mineral Oils.

Paraffine, High viscosity	℔ gal.	19 @25
23¼@24 gravity		.11 @12
25 gravity		9¼@11
28 gravity		7¼@ 7¾
30 gravity		7 @ 7¼
32 gravity		6¾@ 7
Red paraffine No. 1		.10 @10¼
No. 2		@ 9¼
Filtered spindle No. 1		.20 @25
No. 2		.14 @16
No. 3		.13 @14
No. 4		.11 @12
Neutral filtered, lemon, 33@34 grav		.12 @18
White, 33@34 gravity		.20 @30
32@34 gravity, bloomless		.12 @18
32 gravity, wool grade		9 @11
West Virginia, natural, 29 gravity		.18 @20
Franklin, natural, 32 gravity		.11 @15
Smith's Ferry, 33@34 gravity		7 @ 7¼
Black reduced, 29 gravity, 25@30 c. t.		6¾@7¼
29 gravity, 15 cold t't.		7 @ 8
29 gravity, zero		.10 @11
Summer		5¾@ 6¼
Cylinder, Light filtered		.12 @16
Dark filtered		.10 @13
Extra cold test		.20 @24
Dark steam refined		7¼@12

Oil Cake.

Calcutta cake, city	℔ ton.	30 00@30 25
City domestic		26 50@26 75
Western, in bags		26 50@26 75
Cottonseed cake at Memphis		—@ —
at New Orleans		23 75@24 00
at New York		25 00@25 50

Oil Meal.

State domestic meal	℔ ton.	26 50@27 00
Cottonseed meal at Memphis		—@ — -
at New Orleans		2 75@2 00

Wax, Candles, Lard, Tallow, Etc.

Paraffine wax, crude	℔ lb	3¼@ 4
refined 115 m. p.		— @ 6¼
120 "		— @ 6¾
125 "		— @ 6¾
130 "		— @ 7¾
135 "		— @ 8
140 "		.10 @11¾
Candles, Paraffine, 4s, 6s and 12s		8 @ 9¼
Adamantine, 6s, 16 oz.		.10 @11
14 oz.		9 @10
12 oz.		@ 9
12s, 16 oz.		.11 @12
14 oz.		.10 @11
12 oz.		9 @10
Patent sperm, 4s and 6s		- @40
Sperm, 4s and 6s		— @35
Stearic acid, solid		6 @ 8
cake		7 @ 9
Spermaceti, block		.29 @
cakes		30 @ -
Lard		9 70 @—
Oleo stearine		9¾@10
Tallow		5¾@ 5¾

Paints, Varnishes, Etc.

White Lead, Zinc, Etc.

White lead, American dry	℔ lb	5¾@ 6
in oil		6¾@ 7¾
English in oil		8 @ 8¾
Litharge American powdered		6¾@ 7
English flake		9 @ 9¾
Glassmakers'		5¾@ 5¾
Red lead, foreign		6¾@ 6¾
American		6¾@ 7
Orange mineral, American		7¾@ 8
English		7¾@ 8
French		10¾@ 10¾
German		7¾@ 8
China white		.10¾@12
Flake white		.10¾@12
Cremnitz white		.15 @20
Zinc white, Paris, G. S., 50 bbls		.9 less 4 ℔ ct
G. S., 25 bbls		.9 2 ℔ ct
G. S., 10 bbls		.9 1 ℔ ct
R. S., 50 bbls		.7¾ 4 ℔ ct
R. S., 25 bbls		.7¾ 2 ℔ ct
R. S., 10 bbls		.7¾ 1 ℔ ct
Antwerp, RS, 50 bbls		.6¾ 4 ℔ ct
R. S., 25 bbls		.6¾ 2 ℔ ct
R. S., 10 bbls		.6¾ 1 ℔ ct
G. S., 50 bbls		.7¾ 4 ℔ ct
G. S., 25 bbls		.7¾ 2 ℔ ct
G. S., 10 bbls		.7¾ 1 ℔ ct
G. S. in poppy oil		.11¾@11¾
R. S. in poppy oil		.10¾@10¾
French in varnish		.16 @20¾
Florence		5¾@ 6
American extra, dry		4 @ 4¾
In oil		6¾@ 6¾
In varnish		.14 @18¾
L. Z. O. German		6 @ 6¾

Dry Colors.

BLACKS.

Carbon		8 @10
Drop, American		2¾@ 4
English		5 @10
Ivory		5 @ 8
Lamp		3 @ 6

BLUES.

Celestial		5¾@ 8
Chinese		.40 @45
Prussian		.32 @35
Refiner		.60 @70
Soluble		.45 @55
Ultramarine		7 @25
Verditer		.25 @30

BROWNS.

Sienna, Italian, burnt & powdered		4 @ 5
burnt lumps	℔ lb.	1¾@ 3¼
raw powdered		4¾@ 5¾
raw, lumps		1¾@ 3¼
American, burnt & powder'd		1¾@ 1¾
raw		1¾@ 1¾
Spanish brown		¾@ 1
Umber, Turkey, burnt & powdered		2¾@ 3¾
burnt lumps		2¾@ 3
raw and powdered		2¾@ 3¾
raw, lumps		2¾@ 2¾
American, burnt		1¾@ 1¾
raw		1¾@ 1¾
Vandyke brown, German		3 @ 6
American		1¾@ 2¾

GREENS.

Chrome, chemically pure		.22 @26
extra		.12 @13
super		9 @11¾
common		6 @ 8
Paris, pure		.10 @21
in pulp		.10 @15
Verdigris, French		.18 @25

REDS

Carmine, No. 40	℔ lb.	2 75 @2 85
Crocus martus, imported		2¾@ 4
Standard Am'can		1 @ 2¼
Indian red, Standard American		2 @ 3
English		4¾@ 15
Rose pink, American		8 @ —
English		7¾@ 9
Tuscan red, English		7 @ 10
Turkey red, English		9¾@ 14
Venetian red, English, prime		1 25 @1 40
second quality		1 10 @1 15
American		70 @1 00
Vermilion, imported English		53 @ —
Am. quicksilver, bulk		53 @ —
Am. quicksilver, bags		54 @ —
Chinese		85 @1 00
Trieste		90 @ 95
American		11¾@ 12
Artificial		13 @

YELLOWS.

Chrome		.10 @ 25
Ocher, Rochelle		1¾@ 1½
Washed Dutch		5 @ —
Washed French		1¾@ 1¾
Washed Nat Oxford, lump		6¾@ 6¾
Washed Nat Oxford, powd'r		7 @ 7¾
Golden		3 @ 5
Domestic	℔ ton	$12 @ 20

Miscellaneous.

Barytes, prime white	℔ ton.	20 00 @21 00
foreign floated		22 00 @25 00
domestic floated		31 00 @3
off color		13 5 @1
crude, No. 1		00 @1
No. 2		00 @
No. 3		7 @
Blanc fixe	℔ lb.	2¾@ 3
Bronze powder		— @ —
Brocades		45 @ 1 00
Chalk	℔ ton.	1 75 @ 1 90
kiln dried	℔ 100 lbs.	40 @ —
air dried		33 @ 35
Clay, China, imported	℔ ton.	13 00 @18 00
domestic		9 00 @11 00
Cobalt oxide	℔ lb.	1 55 @ 1 80
Feldspar	℔ ton.	14 00 @20 00
Marble dust	℔ bbl.	1 25 @ 1 50
Plaster		1 30 @ 1 50
dentists'		1 75 @ 2 00
Pumice stone, orig'al cks.	℔ lb.	2 @ 2¾
selected lumps in bbls.		3¾@ 15
powdered pure, in bbls.		2 @ 2¾
Putty, in bulk		1 60 @ 2 00
bladders		2¾
tins		@ 3¾
Rotten stone, originalls		4¾@ 6¾
Rotten stone, selected lumps		5¾@ 15
powd'ed, in bbls.		3¾@ 3¾
Rubbing stone		3¾@
Silex	℔ ton.	13 00 @18 75
Smalt, German blue	℔ lb.	15 @ 16
super black		— @ —
Talc, American	℔ 100 lbs.	50 @ 1¾
French		1¾@ 1¾
Terra alba, American, No. 2		45 @ 50
English		65 @ 75
French		65 @ 75
Whiting, commercial		40 @ 45
gilders'		50 @ 55
extra gilders'		60 @ 65
American, Paris		70 @ 75
English cliffstone		1 10 @ 1 25

Glues.

Extra white	℔ lb.	.17 @25
Medium white		.13 @15
Cabinet		.12 @14
Low grade		8 @10
Foot stock, white		.11 @14
brown		5¾@ 8
Irish		11¾@13¾
French		.10 @25
German hides		.13¾@16¾
Common		8 @11

Metallic Paints.

Brown	℔ ton.	20 00@24 00
Red		20 00@24 00

Colors in Oil.

Black, coach, Japan	℔ lb.	.18¾@20
in oil		.12 @13
drop, American		7¾@10
English		.12¾@14
ivory		8¾@14¾
lampblack, prime		.27¾@33
medium		.19¾@26
2d quality		.13 @19
low grade		6¾@10
Blue, Chinese		.35 @40
Prussian		.20 @45
ultramarine		.12 @18
Brown, sienna, burnt		7 @12
raw		7 @12
umber, burnt		7 @11
raw		7 @11
Vandyke		7 @12¾
Green, chrome		8 @14
Paris		.16 @18¾

Varnish Gums.

Asphaltum, Cuban, prime		4 @ 6
Egyptian		6¾@ 8
Copal, Sierra Leone, cleaned	℔ bl.	.50 @60
Zanzibar, bold white		.70 @75
medium white		.60 @65
bean and pea		.40 @45
Manila, pale		.17 @25
bright amber		.13 @17
standard		9¾@10¾
Damar, Batavia		.13¾@17
Kauri, Standard		.21 @22¾
No. 2		— @15¾
hard scraped		.24 @26
light hard scraped		.30 @34
picture quality		.65 @70
pale and fine selected		.45 @55
Sandarac		22 @23

Glass.

WINDOW GLASS.

SINGLE.

Prices per Fifty feet.

Sizes.			1st.	2d.	3d.	4th.
6x 8	to	10x15	$12 50	$10 75	$10 00	$ 9 50
11x14	to	16x24	14 50	12 75	12 00	11 00
18x22	to	20x30	19 00	16 50	15 00	14 25
15x36	to	24x30	20 50	17 50	15 50	.....
26x28	to	24x36	22 00	19 50	17 00	.....
26x36	to	26x44	23 50	20 50	17 50	.....
26x46	to	30x50	26 00	23 00	19 50	.....
30x52	to	30x54	27 00	24 00	20 50	.....
30x56	to	34x56	29 00	25 50	22 00	.....
34x58	to	34x60	30 00	27 00	25 00	.....
36x60	to	40x60	34 00	31 00	27 00	.....

DOUBLE.

Prices per Fifty feet.

Sizes.			1st.	2d.	3d.	4th.
6x	to	10x15	$17 00	$15 00	$14 00	$13 50
11x14	to	16x24	21 00	18 50	17 00	.....
18x22	to	20x30	26 50	23 50	21 00	.....
15x36	to	24x30	29 00	25 50	22 00	.....
26x28	to	24x36	31 50	27 50	24 00	.....
26x36	to	26x44	33 00	29 50	25 00	.....
26x46	to	30x50	36 00	32 00	27 00	.....
30x52	to	30x54	38 00	33 50	28 50	.....
30x56	to	34x56	40 00	35 00	31 00	.....
34x58	to	34x60	43 00	39 00	34 00	.....
36x60	to	40x60	47 00	43 00	35 00	.....

On the 70 in. bracket and above French is quoted $1 higher on single and $1 50 on double. Discounts on American, 80 & 10@80, 10 & 5. Discount on French S. & D., 75, 10 &5

Naval Stores.

Spirits turpentine	℔ gal.	30¾@ 30¾
Rosin, Strained	℔ bbl.	1 22¾@—
Good strained		— @1 25
E		1 35 @1 40
F		— @1 50
G		— @1 65
H		1 75 @1 80
I		2 15 @—
K		2 60 @—
M		3 20 @—
N		3 75 @—
Window glass		4 10 @—
W. W		4 30 @—

Drugs.

Opium.

Opium, natural (cases)	℔ lb.	2 40 @2 42½
as wanted		2 40 @2 45
powdered		3 15 @3 25
Morphine American	℔ oz.	2 00 @2 35
foreign		1 95 @2 20

Quinine.

Quinine, American	℔ oz.	22 @ 29
Foreign (bulk)		19¾@ 27
Cinchonidia, American		3¾@ 4¾
foreign		2¾@ 2¾
Quinidine		40 @ 53

Miscellaneous.

Acetanilid	℔ lb	@ 47
Acid benzoic, German		@ 55
English	℔ oz	7¾@ 8
boracic purified	℔ lb.	@ 13¾
powdered		13¾@ 14
Acid boracic, flaky	℔ lb	11 @ 13
carbolic, pure crystals, bot		22 @ 7
drums		@ 18
citric, domestic		45¾@ 48
English		— @ —
salicylic, bulk & boxes		1 12 @ 1 17
Alcohol, 94 per ct. (less reb't)	gal	2 24 @ 2 28
Independent, net		— @ —
refi'd wood, 95 p ct.		— @ 1 00
97 p ct.		— @ 1 05
purified		— @ 1 50
Cologne spirits, 188 per cent		2 34 @ 2 38
Ambergris gray	℔ oz.	27 50 @ 20 00
black		18 00 @17 00
Ammonia carb, foreign		3¾@ 3¾
Antimony		7 @ 10
Arrowroot, Bermuda		25 @ 34
St. Vincent, bbls&cns		9 @ 10
Jamaica		14 @ —
Bay rum imp, bulk	℔ gal.	2 30 @ 2 35
Borax, refined city, bbls	℔ lb.	8¾@ 8¾
Cal car loads and bbls		8 @ 8¾
concentrated		7¾@ 8
powdered		8 @ 8¾
Bromine		43 @ 47
Burgundy pitch		2¾@ 2¾
Cacao butter		33¾@ 35
Calomel, domestic		71 @ —
English		— @ —
Cantharides, Russian		70 @ 75
powdered		85 @ 90
Chinese		30 @ 35
powdered		35 @ 40
Chalk, Precipitated Eng. bk		4 @ 8
bbls		5¾@ 7
Chloroform	℔ lb.	50 @ 52
Chloral hydrate, crystals		1 10 @ —
crusts		1 05 @ —
Cocaine muriate	℔ oz.	5 15 @ 5 40
Colocynth apples, Trieste		18 @ 37
pressed		— @ —
Spanish		23 @ 25
Corrosive sublimate	℔ lb	— @ 62
Cuttlefish bone, Trieste		10½@ 12
Dragon's blood mass		20 @ 25
reeds		45 @ 48
Epsom salts, per 100 lbs		1 15 @ 1 25
Ergot, Spanish	℔ lb.	33 @ 40
powdered		55 @ 65
German		30 @ 33
powdered		42 @ 47
Gelatine, English		50 @ 60
French		30 @ 38
American		30 @ 35
Glucose		2¾@ 5
Grape sugar		2¾@
Glycerine, German, refined		— @ 20
Am, ref'd, dms&bbls.		13½@ 15
Guarana, whole		1 00 @ 1 05
powdered		1 10 @ 1 20
Iceland moss		4¾@ 5¾
Insect powder		18 @ 24
Iodine, re-sublimed		3 45 @ 3 50
Irish moss, American		6 @ 9
imported, cleaned		6¾@ 15
Isinglass, Russian		3 75 @ 4 00
American ordinary		40 @ 50
prime		— @ —
Licorice paste, domestic		8 @ 15
stick, domestic		17 @ 24
foreign		28 @ 40
Lupulin, American		— @ —
German		75 @ 2 00
Lycopodium, prime		55 @ 60
Manna, large flake		90 @ 95
small flake		36 @ 40
sorts		28 @ 30
Menthol		4 00 @ 4 25
Musk, true grain	℔ oz	11 00 @22 00
pods		5 50 @23 00
Canton grains		20 @ 1 00
Naphthaline, ball		4¾@ 5
flake		3¾@ 4
Nitrate barium	℔ lb.	6¾@ 7
strontia		8¾@ 8¾
silver		47 @ 48¾
Nux vomica, pockets		3 @ 3¾
Oil, Almond, sweet	℔ gal.	21 @ 25
Castor, city, bbls & cas.	℔ bbl.	14¾@ 15¾
Cod liver, Norwegian,	℔ bbl	19 00 @22 00
Newf'land	℔ gal.	55 @ 60
Myrbane, American	℔ lb.	15¾@ 18
English		16 @ 18
Olive, virgin	℔ gal.	1 45 @ 1 75
Sesame, bbls		63 @ 70
Phosphorus	℔ lb	51 @ 52
Precip. red		81 @ —
white		86 @
Potassium, bromide, bulk		35 @ 36
glass		— @ —
cyanide, blk.		52 @ 56
iodide, bulk		2 75 @ 2 80
glass		2 83 @ 2 88
Quicksilver		52 @ 54
Rochelle salts		20 @ 21
Sago, pearl		3¾@ 4¾
flour		3¾@ 4
Salicine		1 50 @ 1 75
Soap, Castile white		10¾@ 11¾
green, pure		6¾@ 10
mottled ordinary		4¾@ 5
pure		6¾@ 6¾
Sugar of milk, cob		22 @ 28
powdered dom.		11 @ 14
Dutch		21¾@ 22
Swiss		18 @ 24
Sulphur, roll		1¾@ 2¾
flowers		1¾@ 3
Strychnine	℔ oz.	1 15 @ 1 20
Tamarinds, West Indian		7 @ 10
East Indian		1 25 @ 2 25
Venice turpentine	℔ lb	18 @ 30
Wax, Bees, Southern		25 @ 30
State		26 @ 28
white, pure		33 @ 50
Japan		8¾@ 8¾
Carnauba		10 @ 17¾
Ceresin		— @ 11

Balsams.

Copaiba, Angostura	℔ lb	— @ —
Para		40 @ 42
Central American		36 @ 40
Fir Canada	℔ gal	3 10 @ 3 25
Oregon		75 @ 85
Peru	℔ lb	1 45 @ 1 55
Tolu		24 @ 26

Barks.

Angostura	℔ lb	5¾@ 6
Bayberry		3 @ 4
Buckthorn		7¾@ 8
Cascara sagrada		6¾@ 7
Cascarilla		6 @ 8
Canella		6 @ 7
Cinchona, red		12 @ 5
yellow		7 @ 17
Loxa		15 @ —
Cusc		@ -

Elm, common ℔ D.	9 @	11
selected	10 @	12
Oak, white	3½@	4
red	3½@	4
Orange peel, West Indian	4½@	5
Malaga, prime	6½@	7½
Curacoa	4½@	5
Prickly ash	7 @	9
Pomegranate (of root)	14 @	20
Quebracho	— @	25
Sassafras	6½@	6½
Simaruba	— @	20
Soap, whole	4 @	4½
crushed	4½@	4½

Beans.

Calabar ℔ D.	12 @	14
St. Ignatius	22 @	26
Tonka, Angostura	1 90 @	2 00
Surinams	75 @	80
Para	40 @	55
Vanilla, Mexican	6 00 @	13 00
Bourbon	3 00 @	8 00

Berries.

Cubeb ℔ lb	18 @	25
powdered	35 @	45
Juniper	2½@	2½
Fish (Cocculus Ind)	3½@	4½
Laurel	3 @	4
Prickly ash	17 @	20

Essential Oils.

Anise ℔ lb	1 40 @	1 45
Almond (bitter)	3 00 @	7 50
Bay	3 25 @	4 00
Bergamot	2 20 @	2 70
Cajeput	45 @	50
Camphor	6½@	7
Caraway seed	1 30 @	1 75
chaff	40 @	52
Cassia	80 @	85
Citronella	25 @	27
Clove, stem	52½@	55
bud	60 @	65
Copaiba	75 @	85
Croton	75 @	—
Cubebs	2 00 @	2 10
Eucalyptus	1 00 @	1 25
Fennel	80 @	85
seed	1 40 @	1 50
Geranium, Turkish	4 00 @	5 00
rose, French	6 50 @	7 50
Gingergrass	2 00 @	2 25
Juniper, once rectified	1 00 @	—
twice rectified	1 50 @	2 00
wood	25 @	40
Lavender, garden	40 @	70
flowers	1 85 @	1 90
Lemon, pure	1 15 @	1 90
Lemongrass	80 @	85
Neroli, Petale	35 00 @	45 00
bigarade	30 00 @	32 00
Portugal	22 00 @	25 00
Nutmeg	1 75 @	2 50
Orange, sweet	1 50 @	1 80
bitter	4 50 @	5 25
Origanum	18 @	30
Peppermint, tin cans	2 20 @	2 50
cases	2 50 @	2 75
Pennyroyal	1 00 @	1 35
Rose ℔ oz	7 75 @	8 00
special brands	8 25 @	8 75
Rosemary, Trieste ℔ lb	55 @	—
French	40 @	70
flowers	80 @	1 10
Sandalwood	2 00 @	6 00
Sassafras	37 @	39
artificial	25 @	27
Spearmint	1 75 @	2 50
Tansy	2 10 @	2 25
Thyme, red	80 @	1 00
white	90 @	1 10
Wintergreen	1 60 @	1 70
artificial	1 20 @	1 25
Wormseed	1 20 @	1 50
Wormwood	2 25 @	2 75

Flowers.

Arnica ℔ lb	11 @	12½
Chamomile, German, new	20 @	26
old	15 @	20
Roman, new	22 @	28
old	16 @	22
Insect	18 @	20
Lavender	2½@	8
Rosemary	15 @	20
Saffron, American	32 @	34
Alicante	5 00 @	5 25
Valencia	6 50 @	7 00

Gums.

Aloes, Cape ℔ lb	5½@	6½
Barbadoes	6 @	11
Curacoa	2½@	3
Socotrine	27 @	38
powdered	18 @	32
Arabic, 1st picked	45 @	60
2d picked	33 @	35
3d picked	24 @	27
4th picked	18 @	20
Sorts	14 @	16
Siftings	7 @	10
Asafœtida	12 @	30
Benzoin	35 @	40
Camphor, refined, bbls	— @	45
in cases	— @	46
Japan compressed blocks	— @	46
Chicle	23 @	24
Euphorbium	15 @	25
Gamboge, pipe and block	55 @	65
Gedda, siftings	18 @	20
sorts	— @	—
Guaiac	17½@	25
Kino	75 @	1 00
powdered	— @	1 10
Mastic	60 @	70
Myrrh	28 @	30
Olibanum, tears	7 @	14
sorts	5½@	6
Sandarac	22 @	25
Scammony, Aleppo	2 50 @	3 00
Virgin	6 50 @	8 00
Senegal, picked	14 @	24
sorts	9½@	10
Tragacanth, Aleppo, 1st flake	59 @	61
2d flake	45 @	52
3d flake	40 @	45
4th flake	— @	—
Turkey, 1st flake	75 @	80
2d flake	60 @	65
3d flake	52½@	57

Herbs and Leaves.

Aconite ℔ lb	10 @	11
Althaea	6 @	8
Belladonna	10 @	13
Buchu, short	13 @	16
long	40 @	65
Coca	13 @	28
Damiana	27 @	30
Digitalis	8 @	12
Eucalyptus	3½@	4½
Grindelia robusta	9 @	9½
Henbane (hyoscyamus)	6½@	7
Horehound	5½@	6
Indian hemp (Cannabis Indica)	10 @	12
Jaborandi ℔ D.	50 @	60
Laurel	3½@	3½
Lobelia	6 @	7
Matico	12 @	18
Marjoram, German	14½@	16
French	12 @	14
Prince's pine	6 @	8
Rose, red	65 @	80
pale	20 @	22
Rosemary	3 @	4
Sage, Italian, picked	6 @	6½
ordinary	5 @	5½
Senna, Alex. nat	14 @	17
siftings	6 @	11
garbled and sifted	18 @	23
Tinnevelly	6 @	10
Stramonium	6½@	7½
Thyme	6½@	4
Uva Ursi	4½@	6
Yerba Santa	7 @	10

Roots.

Aconite ℔ lb	9 @	12
Alkanet	6½@	8
Althea, whole	10 @	14
cut	15 @	18
Angelica, German	— @	—
American	— @	16
Arnica	12 @	15
Belladonna	8 @	13
Blood	4½@	6
Burdock	6½@	7½
Calamus bleached	22 @	25
unble'd, split & peeled	6½@	7
Canada snake, select	20 @	22
Colchicum	12 @	18
Colombo	6½@	10
Culvers	13 @	14
Dandelion, German	7½@	9
American cut	8½@	10
Elecampane	4½@	5
Galangal	4½@	5
Gentian	3½@	4
Ginseng	2 00 @	2 75
Ginger, Jamaica, unbleached	15 @	17
American, bleached	16½@	17
Golden seal	22 @	24
Hellebore, white, powdered	7 @	7½
whole	5 @	5½
Ipecac, Rio	1 15 @	1 25
Jalap	27 @	30
Kava Kava	25 @	28
Lady slipper	15 @	20
Licorice, ordinary	4 @	4½
selected, in bdls	19 @	17
powdered	6 @	12
Lovage, American	30 @	40
German	35 @	50
Mandrake	3½@	3½
Orris, Florentine	18 @	22
finger	1 15 @	1 25
Verona	12 @	16
Pareira brava	7 @	10
Pellitory	18 @	19
Pink	23 @	30
Rhatany	7½@	9
Rhubarb, whole	25 @	70
chips	30 @	40
cut	45 @	1 75
powdered	24 @	70
Sarsaparilla, Honduras	29 @	42½
Mexican	10 @	10½
American	11 @	13
Senega, Southern	40 @	45
Western	45 @	4
Serpentaria	26 @	28
Stillingia	4½@	5
Squills, ordinary	4 @	5
white, prime	5 @	5½
Valerian, German	10 @	15
Belgian	7 @	7½
English	22 @	25
Vermont	14 @	16
Yellow dock	6 @	6½

Seeds.

Anise, Italian ℔ lb	10 @	10½
Russian	— @	7
star	20 @	23
Canary, Sicily	2½@	3
Smyrna	2½@	2½
Spanish	3½@	4
Caraway, Dutch	7½@	7½
German	— @	8
Cardamom, Alleppey	48 @	75
Malabar	68 @	80
Mangalore	65 @	40
Celery	20 @	25
Colchicum	14 @	16
Coriander, English	5½@	6
French	5½@	6
German	5½@	6
Cummin	10 @	10½
Fennel, German	10 @	14
Flaxseed ℔ bbl	5 00 @	5 25
ground	— @	3½
Fœnugreek	2½@	3½
Guinea grains	7½@	8
Hemp, Russian	2½@	3
Smyrna	— @	—
Lobelia	18 @	20
Millet, domestic ℔ bush	1 10 @	—
foreign ℔ lb	1½@	1½
Mustard, California yellow	4 @	4½
brown	3½@	3½
Dutch	6 @	6½
English	7 @	8
Trieste brown	5½@	6
Poppy, blue	7½@	7½
Quince, German	35 @	40
Russian	— @	—
Rape, English	3 @	3½
German	3½@	3½
Sabadilla, whole	1 35 @	1 45
powdered	1 60 @	1 80

Shellac.

D. C. ℔ lb	34 @	35
Octagon B. and similar grades	29½@	30
V. S. O.	30 @	31
Diamond I.	29½@	30
S. S.	29 @	30
T. N. Superior	26 @	27
Ordinary	25 @	—
Garnet, A. C.	24½@	25
Button	32 @	33
Sticlac	29 @	30
Bleached	30 @	31

Spices.

Cassia, Batavia ℔ lb.	8½@	9
China	7½@	7½
Saigon, rolls	28 @	28½
broken	23½@	25
buds	18½@	19½
Cloves, prime Zanzibar	6 @	6½
Amboyna	13 @	15
stems	3 @	3½
Ginger, African	14 @	16
Calcutta	— @	12
Cochin	13½@	14½
Mace, Batavia	45 @	50
Banda	48 @	50
Penang	48 @	49
Nutmegs, 110's	42 @	43
Pepper, Singapore	6½@	6½
West Coast	5½@	6
Acheen, prime	5½@	5½
Penang, White	8 @	8½
Singapore, white	9½@	10
red, Zanzibar	13 @	14
Bombay	7 @	8
Pimento, prime	5 @	5½

Chemicals.

Heavy Chemicals.

Alkali, 48 ℔ cent., Solvay	1 15 @	1 20
refined, high test	1 00 @	1 10
Bleach, over 35 ℔ cent	2 25 @	2 50
Salt cake	55 @	60
Soda ash, carb. 48 ℔ cent	1 40 @	1 50
high test	1 10 @	1 15
Caustic, 48 ℔ cent	1 45 @	1 50
Newcastle, 48 ℔ cent	— @	—
high test	— @	—
Soda bicarb, English	3 25 @	3 50
American	2 90 @	3 00
crystal carbonate	2 00 @	2 25
caustic, 60 per cent	3 05 @	3 20
70 ℔ cent	2 80 @	2 90
74 ℔ cent	2 83½@	2 92½
76 ℔ cent	2 90 @	3 05
Sal, English	95 @	1 10
American	92½@	95

Acids.

Acid, acetic	1 75 @	2 00
chemically pure	18 @	19
oxalic	6½@	6½
sulphuric, 60 deg	70 @	90
66 deg	75 @	1 25
bulk 50 deg	7 50 @	8 00
muriatic, 16 deg	75 @	90
18 deg	85 @	1 10
20 deg	1 @	1½
22 deg	1 @	1½
nitric, 36 deg	3½@	4½
38 deg	3½@	4½
40 deg	4 @	4½
42 deg	4½@	5½
tartaric, crystals	22½@	—
powdered	23 @	—

Ammonia Potashes and Fertilizing Chemicals.

Ashes, pot, 1st sorts ℔ lb.	4½@	6
pearl	6 @	6½
Potash, chlorate, English	14½@	15
powdered	15 @	15½
carb	4 @	4½
caustic	6 @	7
cyanide, fused	39 @	40
bi m'ure salt 48@53 ℔ cent	1 12 @	1 17
sulph of, basis 90@96 ℔ ct	2 08 @	2 13
Kainit, 23 ℔ cent. S of P. ℔ ton	8 50 @	9 75
Sylvinit, 37@35 ℔ ct. S.F.P. ℔ unit	40 @	42½
Aqua am'ia (in cbys) 16 ℔ ct ℔ lb.	4 @	5
18 deg	3 @	4
20 deg	4 @	5
26 deg	4½@	5
Ammonia, sal, grey	5½@	6
granulated	6 @	6½
lump	8½@	9
sulphate	3 20 @	3 50
Potash muriate, ℔ 100 lb	1 78 @	2 00
AMMONIATES, ETC.:		
Azotine, ℔ unit	2 70 @	2 75
Blood, dried, red, ℔ unit, high	2 70 @	2 75
low grade, ℔ unit	2 60 @	2 65
Concentrated tankage, ℔ unit	2 65 @	2 70
Bones, rough, ℔ ton	19 00 @	20 00
ground, ℔ ton	22 00 @	22 50
Bone Meal	23 00 @	23 50
Bone black, refuse	19 00 @	20 00
Fish guano, dried	28 00 @	—
acidulated	20 00 @	—
Phosphate rock, f. o. b. Char'n	4 50 @	5 00
f. o. b. Peace River	4 50 @	5 00
f. o. b. Baltimore	6 25 @	6 50
ground	8 00 @	8 75
Acid phosphate, 14 ℔ cent	60 @	62½

Miscellaneous.

Acetate of lime, gray ℔ lb.	1½@	2
brown	1 00 @	1 05
Alum, lump	1 75 @	1 80
ground	1 85 @	1 90
porous	2 70 @	2 80
Arsenic, white	3½@	3½
red	5½@	6
Brimstone crude, 2 ds ℔ ton	17 75 @	18 00
sds	17 00 @	17 75
Cream tartar, crystals, p c ℔ lb.	18½@	—
powdered, 99 p c	19 @	—
Chloride of calcium	85 @	1 25
Glauber salts	75 @	1 00
Nitrate of lead	9 @	10
soda	1 85 @	1 90
Chlorate of soda	18½@	19
Sugar lead, brown	5½@	6
white	10½@	11
Saltpeter, crude	3½@	3½
refined	5 @	5½
Vitriol, blue	3 40 @	3 50

Dyestuffs

Acid, picric, best crystals ℔ lb.	28 @	
tannic	45 @	50
Acetate of soda	7 @	10
Albumen prime egg	62 @	65
imported blood	14½@	18
domestic blood	17 @	18
No. 1½ blood	12½@	15
Annatto	10 @	25
seed	4 @	7
Antimony, oximuriate	4 @	6
Salt	20 @	35
Tartar emetic	28 @	32
Archil weed	7 @	15
Aurine	55 @	—
Barbary root, cut	4 @	—
Bichromate of potash, Scotch	10½@	11
American	10½@	11
Bichromate of soda	8½@	9
Carmine of indigo	50 @	75
Cochineal, Teneriffe silver	24 @	27
black	25 @	28
gray black	25 @	29
ammoniac	— @	37
Copperas	90 @	1 00
Cudbear, French	12 @	—
concentrated	25 @	—
English	12 @	30
Cutch, slabs	8½@	9
bag	4½@	4½
Dextrine Imp	5½@	6
Dom.	6 @	6½
Divi divi ℔ ton	50 00 @	65 00
Fullers earth, lump ℔ ton	20 00 @	25 00
powdered	27 50 @	30 00
Flavine ℔ lb.	28 @	35
Fustic stick ℔ ton	18 00 @	22 00
Gambier ℔ lb.	4 @	4½
Garancine	8½@	8½
Indigo, Bengal, low grade	1 25 @	1 30
medium	1 30 @	1 50
high grade	1 75 @	2 00
Caracas	— @	—
Kurpahs	1 10 @	1 40
Gautemalas	1 00 @	1 25
Manila	55 @	75
Madras	45 @	50
Indigotine	1 50 @	2 50
Logwood stick ℔ ton	32 00 @	36 00
Madder, Dutch ℔ lb.	10 @	15
French	9 @	9½
Myrabolans	1½@	2½
Muriate of tin	@	18
Nitrate of iron, commercial	1 10 @	2
true	3½@	4½
Nutgalls, blue Aleppo	13½@	14½
Chinese	12 @	12½
Persian berries	10 @	12
Prussiate of potash, Am. yel	20 @	21
red	40 @	45
Scotch yel	21 @	—
red	40 @	45
Ger. yel	20 @	—
red	42 @	43
Prussiate of soda	23 @	24
Phosphate of soda	4½@	
Quercitron ℔ ton	21 50 @	26 00
Sago flour	4 @	4½
Salts of tartar	6½@	
Soluble oil	6½@	
Sumac, Sicily prime ℔ ton	70 00 @	75 00
Virginia	43 50 @	47 50
Starch, corn ℔ b.	2½@	2½
potato	5 @	5½
wheat	5½@	5½
Stannate of soda, 50, soluble	9½@	15
40, soluble	½@	12
25, soluble	6½@	9
Tin crystals	14½@	15
Turmeric root, Coringa	6½@	7
Bengal	— @	8
Vanadiate ammonium ℔ oz	75 @	85
Woad, English ℔ lb	9 @	10
COAL TAR COLORS:		
Alizarine	17 @	18
Aniline oil	14 @	14½
salt, crystals	13 @	13½
Bismarck brown	45 @	1 00
Eosine	1 00 @	2 50
Fast red	35 @	55
Fast yellow—acid	65 @	1 50
Fuchsine crystals	75 @	1 50
Methylene blues	1 25 @	2 50
Nicholson (alkali) blue, 3B	2 10 @	3 00
5B	3 75 @	4 00
red shade	2 00 @	2 25
Nigrosine	1 00 @	1 25
Orange	25 @	60
Safranine	1 00 @	2 50
Scarlet R	28 @	75
RR	30 @	75
RRR	35 @	75
Soluble blue—green shade	2 50 @	3 50
Violet—2R	1 25 @	2 00
2B	1 00 @	1 25
3B	1 00 @	1
CHIPPED DYEWOODS, ETC.:		
Barwood ℔ lb	2 @	3½
Camwood	6½@	8
Fustic, Jamaica	1½@	1½
Cuban	1½@	1½
Green ebony	3 @	3½
Hypernic	3½@	4½
Logwood, Campeachy	1½@	2
Nicwood	2 @	6
Peachwood	3½@	3½
Redwood	@	3
Red sanders	— @	5
EXTRACTS:		
Archil ℔ lb	10 @	17½
concentrated	18 @	28
Barberry, French	26 @	30
Chestnut	3½@	4½
oak	2½@	3½
hemlock	2½@	4½
Fustic, solid	9½@	11
liquid, 51 deg	7½@	11
Indigo extract	7½@	15
Logwood, solid	6½@	15
liquid, 51 deg	5 @	10
42 deg	4½@	6
Sumac	3½@	8

Comparative Prices.

On Nov. 12, in 1890 1891 and 1892.

CHEMICALS.	1892	1891	1890
Bleaching powder	2½	2 15	1 70
Brimstone, sds	$22 75	$26 50	$22 40
Caustic soda, 70%	2 95	3 00	3 10
Caustic soda, 60%	3 15	3 25	3 40
Sal soda, Am	97½	1 05	1 10
Soda ash, 48% carb	1 55	1 55	1 50
Soda ash, 48% caustic	1 80	1 55	1 60
Soda ash, 48-53% N. C.	—	—	—
Soda alkali, 58% B. M.	1 35	1 60	1 47½
Soda nitrate	2 15	2 10	1 80
Cream tartar, crystals	23	23	24½
Muriate of potash	1 81½	1 77½	1 77½
Chlorate of potash	16	10½	12
Kainit	$8 75	$8 75	$9 75
PAINTS			
White lead in oil	6½	6½	7
Litharge, Am pow'd	6½	6½	7½
Paris green	13½	—	14
Orange mineral	8½	9½	8
Ven. red, English	1 25	1 20	1 40
Ven. red, American	90	70	1 00
Barytes	$19 00	$18 00	$19 00
Whiting, Commercial	40	35	40
DRUGS			
Opium	1 60	1 87½	2 80
Morphine, domestic	1 45	1 80	2 45
Quinine, German	19½	19	24½
Quinine, domestic	20	24	32
Cinchonidia, domestic	3½	3½	4
Alcohol	2 24	2 30	2 22
Borax, city	8½	8½	10
Beans, tonka (Ang)	2 25	1 80	1 50
Cubeb	30	55	1 15
Cuttlefish	13½	18	25
Glycerine, American	13½	15	17
Oil castor, city ℔ gal	12½	12	15
Oil, codliver, Nor	$22 00	$23 50	$18 00
Oil, bergamot	2 50	2 90	2 75
Oil, cassia	80	95	1 05
Oil, citronella	25	28	31
Oil, cubebs	3 50	5 50	11 50
Oil, lemon	2 40	2 15	1 25
Oil, peppermint, tins	2 15	2 50	2 75
Oil, sassafras	35	38	40
Quicksilver	53	64	79
Aloes, cape	5½	5	5
Asafœtida	8	8½	8
Gum arabic, 1st picked	60	70	80
Gum arabic, sorts	18	23	25
Camphor bbls	48	43	45
Shellac, D. C.	25	30	32
Senna, Alex. Nat'l	17	18	22
Senega root	37	30	38
Golden Seal root	22	23	30
Ipecac	1 95	2 00	2 10
Jalap	30	45	45
Canary seed, Smyrna	4½	2½	1½
Caraway seed, Dutch	4½	5	4½
Coriander, English	2	3½	3½
Mustard seed, Cal. yel	7½	4½	3½
Mustards'd, Trieste, br.	6½	5	5
Rapeseed, English	4	4	4½
Rapeseed, German	2½	3½	3½
OILS			
Cottonseed, prime S. Y	31½	29	33
Olive, Sicily	63	62	70
Cocoanut, Ceylon	5½	5½	7½
Lard, prime city	78	53	50
Linseed, domestic	46	37	62
Menhaden, prime cde	34	30	22
Whale, bleached win'r	55	58	54
Sperm, bleached win'r	78	77	80
Paraffine, 25 gravity	10½	12½	11½
Black, 29 gr. 15 deg	7½	8	9
Oil cake, Western	$27 50	$28 00	$22 00
Spirits turpentine	31	36½	41
DYESTUFFS			
Bichromate potash Am	10½	9½	10
Cochineal, Teneriff S	24	27	27
Cutch, bag	5½	7½	6½
Gambier	4½	5½	5½
Indigo, Bengal h gr'de	1 25	1 15	1 20
Prussiate potash, yel	23½	29½	28
Sumac, Sicily prime	$60 00	$60 00	$65 00
Starch, Corn	2½	2½	3½

WATERS PIERCE OIL CO.

REFINERS OF

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The Nichols Chemical Company
Manufacturing Chemists
45, 47 AND 49 CEDAR STREET STOKES BUILDING, NEW YORK
Oil Vitriol — Sulphuric Acid, 98 per cent
Muriatic Acid — Bi-Sulphate of Soda
Blue Vitriol — Sulphate of Soda
Alum — Acetic Acid, etc., etc.
Special Quotations given on Application.

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MANUFACTURING CHEMISTS,
47 Fulton Street, NEW YORK
Oil Vitriol — Muriatic Acid
Nitric Acid — Sulphate Soda
Aqua Fortis — Extract Indigo
Aqua Ammonia — Chemicals
Mixed Acid for Nitro-Glycerine, etc.
HUDSON RIVER CHEMICAL WORKS
Shady Side, N. J.

Highlands Chemical Co.
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HIGHLANDS STATION, N. Y. — 47 CEDAR STREET, N. Y.
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MAKERS OF
Muriatic Acid — Acetic Acid
Oil Vitriol — Tin Crystals
Nitric Acid — Sulphate Soda, &c

PHOSPHORIC ACID
Phosphoric Acid (pure). — Phosphate of Soda.
Do Do (commercial). — Phosphate of Ammonia.
Do Do (crude). — Phosphate of Lime (pure).
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Manufactured by PERRY & HOPE, Kirkintilloch, Scotland

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Oil of Vitriol, Nitric Acid, Aqua Fortis, ACIDS Muriatic Acid, Aqua Ammonia, etc.
Mixed Acids for Nitro-Glycerine a Specialty
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MANUFACTURERS OF
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Mixed Acid for Nitro Glycerine a Specialty.

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MAAS & WALDSTEIN, N. Y.
Sole Agents for United States and Canada.

WELCH, HOLME & CLARK CO.,
383 WEST STREET
BEST GREEN OLIVE OIL SOAP STOCK

CHEMICAL MARKET

Note.—Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures.
Complete prices current will be found on p ge 48.

SATURDAY EVENING, Nov. 11, 1893.

The past week has been a dull one as regards the leading chemicals on the list. The continuance of the coal strike abroad is interfering to a considerable extent with the prompt shipments of caustic soda, consequently this market is about bare of stocks in first hands for spot delivery. Considerable has been done in future contracts of caustic soda at a slight reduction from current figures. It is reported that the output of one of the leading makers of alkali has been reduced, owing to scarcity of coal, consequently prices for future contracts have been raised, with only limited offerings, even at the advanced figures. Owing to sharp competition the price of acetic acid has been reduced. Blue vitriol is firmer under reports of a combination being formed by the copper smelters. Oxalic acid and chlorate of potash are both easier. Acetate of lime is in better request for export, though the home trade is quiet at the moment. The other light chemicals show few changes, as noted below.

Heavy Chemicals.

Carbonated Soda Ash.—The market is decidedly firmer in all positions for future shipments. In the absence of stocks on the spot it is impossible to give quotations from first hands. High test for future delivery is now quoted at 1 10@1 15c, as to quantity and style of package. There have been a few sales for delivery after the turn of the year within the range quoted.

Alkali.—It is reported that owing to the continuance of the coal strike abroad one of the largest makers has reduced their output. The demand is only moderate, for the reason that nearly all of the large consumers are now receiving their deliveries which had been held back, as is shown by the large arrivals which are coming to hand by sailing vessels. There are plenty of buyers for future contracts at the recent low prices quoted, but at the moment sellers are not offering only in a limited way at advanced figures. We quote bags at 95@1c and casks at 1@1 05c as to quantity, for future delivery. While for jobbing parcels on the spot 1 05@1 10c is named, as to quantity and style of packing.

Caustic Soda.—The coal strike still continues abroad, all of which is seriously interfering with prompt deliveries; also tends to cause makers to be very firm in their view for immediate delivery. There are reports current that negotiations are being made to stop the cutting of prices for future delivery, all of which has a shade of color, as it is reported that one of the officers of the principal makers abroad is now on his way to this country. This opinion evidently is entertained by many of the large consumers, who are having their contracts booked for 1894. Considerable business has been done in both domestic and foreign makes for future delivery at a slight concession under current prices. We quote for the present 2 80@2 82½c for 70-74% for round lots, while for jobbing parcels from second hands a higher figure is named.

Crystal Carbonate.—There is no abatement in the demand for this article. The recent arrivals having gone into consumption, buyers are obliged to have their orders booked for arrival. Values remain steady at 2@2 25c, as to quantity and position of goods.

Salt Cake.—The demand at the moment is very light as only very few of the window glass factories in the West have lighted their fires, consequently makers are still holding back deliveries upon old contracts. For future contracts of domestic they are quoting 57½@60c, as to make and quantity. Only a small demand is reported for foreign, either for spot or for future delivery. In the absence of any important demand prices are only nominal at 55@60c, as to make, quantity and date of shipment.

Sal Soda.—The recent arrivals of foreign having gone into consumption, prices are steadier in all positions. Sales are reported of 50 tons from dock at 95@97½, as to quantity. For store parcels they are quoting 1 05@1 10c, as to quantity. Future shipments are quoted at 95c. Domestic is jobbing freely at 92½@95c f. o. b., less the usual discount.

Bleaching Powder. — Since the the prices for 1894 contracts has been fixed as stated in our last, an improved demand is noted for these monthly deliveries. Only a small jobbing demand is reported for spot parcels all of which is satisfied at 2¼@2½c as to make and quantity. Softwoods are in light request and nominally quoted at 1 85@1 95c as to make, quantity and holder.

Acids.

Acetic.—Owing to sharp competion on the part of outside makers, prices have been reduced. Previous to fixing prices by the combination, large sales were made to the Paris green makers at about 1⅝c. We quote 1¾@2c, as to quantity and place of delivery.

Oxalic.—No change in the position of this article. The demand is of a retail nature, all of which is satisfied at current prices. For future delivery little inquiry is reported. We quote German for future delivery at 6c, and for spot at 6⅛c. Prime makes of English are still held at 6⅝@6⅞c, as to make and quantity.

Tartaric.—The demand at the moment is limited to actual wants, all of which are satisfied at 22½@23c less the usual discount.

Muriatic.—There is a better demand reported both for spot and for forward delivery. Several sales are reported of 18% in a large way at 90@95c and at 1@1½c for jobbing parcels. 20% is quoted at 95@1c for round lots and 1 10@1 15c for smaller quantities.

Sulphuric.—Considerable business is reported for delivery in the East and up the State on the basis of 80c delivered for 66%, while for home consumption the price ranges from 85@1½c, as to quantity. There is more inquiry for future contracts, but at the moment makers are not anxious sellers at current prices. Bulk 50% continues in good request, with sales reported at prices ranging from $7 50@8 per ton f o b factory.

Miscellaneous Chemicals.

Acetate of Lime.—Owing to an improved demand for export, prices are held firm at 1@1 05c for brown and 1½@2c for grey, as to quantity and place of delivery.

Arsenic.—In the absence of arrivals stocks in first hands are very much depleted. For spot they are quoting 3½@3⅝c, as to quantity and holder, and to arrive for round lots 3⅜c is lowest named. Red is steady at 6@6¼c, as to quantity.

Alum.—Only a small jobbing demand is reported, such as current wants require. Makers decline to shade 1 75c for lump, and 1 85c for ground. It is reported, however, that outside lots have been offered at a shade under these figures.

Blue Vitrol.—Under reports of a combination among the copper smelters, prices are firm all around. Regular makers decline to shade 3¾c, though a few small outside lots might be had at 3⅝c.

Brimstone.—The dull features that have characterized this article for several weeks past continues. For shipments extending over December, January and February they are quoting $17 25@17 50 for best seconds and thirds at about $1 per ton less. Only a small business is reported.

MARTIN KALBFLEISCH'S SONS CO.
55 FULTON ST., cor. of CLIFF ST., New York
MANUFACTURERS OF
Oil of Vitriol, Nitric, Muriatic and Acetic Acids, Aqua Fortis, Aqua Ammonia
Muriate of Tin, Sulphate of Zinc, Alum Tin Crystals,
Blue Vitriol, Glauber's Salt, &c.
Mixed Acids for Nitro-Glycerine Makers

NATRONA CHEMICALS

NATRONA BI-CARB SODA.—It is absolutely pure and the only Soda made from Kryolith is the best for Medicinal, all Family and Baking Powder Purposes.

NATRONA POROUS ALUM—(For Paper Makers and Dyers, 60 per cent. stronger than other Alum.)

NATRONA LUMP AND GROUND ALUM—(For Drug and Grocery Trade.)

NATRONA SAL SODA, CAUSTIC SODA, COPPERAS, SULPHURIC, MURIATIC AND NITRIC ACIDS, BLUE VITRIOL, CHLORIDE CALCIUM, FLUORIDE CALCIUM, ALUMINA SAPONIFIER LYE, LEWIS 98 PER CENT. POWDERED & PERFUMED LYE, POTASH, &c.

MANUFACTURED BY THE

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A New, Economical and simple Bleaching Agent for Wool, Tussah, Cotton, Mixed Goods, Feathers, Bones, Bristles, etc.

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The Buffalo Chemical Works

Manufacturing Chemists, BUFFALO, N. Y.

OIL OF VITRIOL, ALUM,
MURIATIC ACID, GLASS MAKERS SALT CAKE
NITRIC ACID, AQUA FORTIS, GLAUBER'S SALT,
AQUA AMMONIA, SPECIAL ALUM for Paper Makers,
MIXED ACID for Nitro Glycerine Makers.

SPECIAL QUOTATIONS Given on Application.

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Commission Merchants

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Soda Ash, Sal Soda, Caustic Soda, Bleaching Powder

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James Lee & Co.

COMMISSION MERCHANTS

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Caustic Potash
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Sal Soda
Gambier
Cutch

Cocoanut Oil Ceylon.
Cocoanut Oil Cochin.
Citronella

ARSENIC

Blue Vitr
Orange Mineral
Oxalic Acid
Black Pepper
Opium, Cloves
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ESSENTIAL OILS

PURE ALKALI

Manufactured by the Ammonia Process

This Alkali contains 58 Per cent. of Alkali or nearly 99 per cent. of Carbonate of Soda. It is the most economical form of Soda for Manufacturers of Soap, Glass, Paper, Wood Pulp and Colors, and for Printers and Bleachers.

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BRUNNER, MOND & CO.

LIMITED

NORTHWICH, ENGLAND

AND

SOLVAY PROCESS CO.

SYRACUSE, NEW YORK

CRESCENT BRAN TRADE B.M&Co MARK

TRADE MARK

THE SOLVAY PROCESS CO. will make by this same process an Alkali adapted for Window Glass makers testing 48 per cent.

WING & EVANS

Sole Agents for the United States 54 William St., New York

WING & EVANS have appointed as exclusive Sale Agents

Messrs. LINDER & MEYER, BOSTON, for New England States, who are prepared to contract for future delivery

Chlorate of Potash.—For future delivery English makers are firmer owing to the coal strike abroad. The demand for spot goods is light: We quote English spot at 14¾@15c and German at 14¾c, and to arrive at 14¾c.

Chlorate of Soda —Only a small jobbing demand is reported at 18@19c, as to quantity and position of goods.

Cream Tartar.—This is about the dullest article on the list. Values remain steady at 18¾@19c, less the usual discount, with only a limited demand reported.

Copperas.—Only a small jobbing demand is reported for spot goods at 80c f. o. b. For car lots 70c is nominally quoted, with no sales of importance to report.

Glauber Salts.—The unsettled condition which has characterized this article of late continues. It is reported that 50c has been named by some of the makers, though the price generally quoted ranges from 70@80c, as to quantity and maker.

Nitrate of Soda.—The market remains steady for spot goods at 1 85@1 90c, as to quantity, with sales reported of 1,500 bags within the range. To arrive and for shipment the price ranges from 1 80@1 85c, as to position of vessel.

Sugar of Lead.—Since the month opened there has been rather more demand for prompt delivery. We quote brown at 5¼@6c, as to make and quantity; white is steady though not active at 10¾@11c, less the usual discount.

Sal Ammoniac.—The usual jobbing demand is reported for spot goods. We quote lump at 8¾c, white at 6c, and grey at 5¾c.

WALPOLE DYE & CHEMICAL CO.
WALPOLE, MASS.
ACID SULPHITE SODA. BI-SULPHITE SODA.
HYPOSULPHITE SODA.
SULPHITE SODA, CRYSTALS.
SULPHITE SODA, POWDERED.
(ANHYDROUS.)
J. A. & W. BIRD & CO., Agent
18 Cedar Street, New York.
117 Milk Street, Boston.

Ammonias, Potashes and Fertilizing Chemicals.

As is usual when a holiday intervenes, trading is more or less interrupted. Consequently the past week has been no exception as regards the various ammoniates on the list. Stocks of all grades continue light and the same may be said of the demand, either for prompt or for future delivery. Sulphate of ammonia is a shade easier, with $3 30 named for bone and $3 50 for gas. Blood continues very scarce for prompt or near by delivery. For high they are quoting $2 75 and low grades at $2 60, as to quantity and date of delivery. Fish scrap is nominally quoted at $25 per ton, f. o. b. factory. Tankage is quoted at $27 50 per ton for high and $26 per ton for low grades. Bone meal is quiet at $24 per ton for both foreign and domestic. Nothing new is reported in either sulphate of potash or double manure salts, prices not yet being fixed for 1894. Messrs. Thos. H. White & Co., in their monthly circular say: During October there has been, as usual, large business done in the products of packers' tankage on six months' contract. Sales foot up about 15,000 to 18,000 tonz, nearly all to actual consumers, at prices ranging from $2 10 and 10c delivered basis Baltimore freight at the beginning of the month, to $2 50 and 10c at the close. There has been an indisposition to purchase for early delivery alone, and in some quarters a small accumulation of stock is apparent. The demand seemed to run more toward the higher grades of ammoniates; and blood has advanced steadily and with only slight fluctuation from $1 80 per unit f. o. b. Chicago the latter part of September, to $2 50 per unit on late sales for November-December delivery. We have thought the market was forced unreasonably and expected some reaction, but a decline in price brings in new buyers aud prices harden again. We have made a close investigation lately as to the sources of supply of ammoniates the coming winter. The best authorities, in regard to the hog crop, predict a shortage greater than last year. The killing in the four months, November to February, was about 4,500,000 hogs, Granting that the receipts will be, say 10% greater this year, which very few believe; this would be 5,600,000, which would produce only 17,500 tons of blood and tankage, the equivalent of which is already contracted for to actual consumers. The product of material from cattle killing about equals that made from hogs. If the demand for ammoniates is to equal that of last winter, prices are still low. Last year we supplemented our shortage by importations from Europe, variously estimated from 7,000 to 10,000 tons. This source of supply will not be available as prices abroad are equal to, if not higher than ours. How far nitrate of soda can be utilized as a substitute for animal matter is a question, though we do not believe it will be thus used to any great extent. The fish catch has proved small, we think not over 15,000 to 20,000 tons, and has been sold to consumers, very little, if any, remainingon the market."

Muriate of Potash.— The arrivals continue ample to meet all current requirements, which at the moment are light. Nothing yet has been done in future contracts, owing to prices not having been fixed by the syndicate for 1894.

Boston Chemical Market

(Special to the REPORTER.)

Acids.—There is a better movement noted in sulphuric during the past few days. Muriatic is also moving more freely, particularly for near future delivery. Oxalic acid is quiet and easier. Sulphuric, 1@1¼c; muriatic, 1 30@1¾c; oxalic, in casks, 6¼@6¾c.

Alkali.—In this article there is an improvement also, with prices higher on all grades and styles, owing to more strength abroad. Stocks here are very small, owing to the fact that while arrivals have been of good proportions of late, nearly all have gone to satisfy contracts previously made. Round lots, 1@1 05c, according to style of package; jobbing lots, 1 05@1 10c.

Bleaching Powder.—The improvement in the demand continues and each week records a larger business. Spot, 2¼c; to arrive, 2 20c.

Blue Vitriol.—The market exhibits a firmer tone now that speculation is about over, and stock is not being forced at concessions. The spot price is 3¼@3¾c.

Carbonated Soda Ash.—While the

PURE
Ammonia-Soda
ALKALI
RUDDER BT&Co BRAND
Manufactured by
Bowman, Thompson & Co. Ltd.
LOSTOCK ALKALI WORKS
Northwich, England
This Alkali contains 99 per cent. of Carbonate of Soda. It is the best and purest for the manufacture of Paper, Woodpulp, Soap, Glass, Colors, and for the use of Bleachers, Printers, etc.
Fuerst Bros. & Co.
2 & 4 STONE ST., NEW YORK
Sole Agents for the United States and Canada

G. A. & E. MEYER,

COMMISSION MERCHANTS,

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CHANCE'S BICARB. SODA,

Pattinson's Carbonate and Calcined Magnesia,

Carbonate in 2 oz., 4 oz. small square & powdered. Calcined 1-2 and 1 lb. bottles & 1 lb tins.

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Turkey & Indian Reds, Purple Browns, Colcothar, Metallic Oxides, Bright Red, Venetian Red and Scarlet Oxides.

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n Barrels, 10 lb. tins, 1 lb. tins, etc,

JOHNSON'S CEMENT
WALKER'S COAL TAR & PITCH

SULPHO-CARBOLIC DISINFECTING POWDER

A combination of Carbolic Acid and Sulphur, making this Powder the most valuable Disinfectant, Antiseptic, and Deodorizer known to science. Costs no more than poor Disinfectants.

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For Pharmaceutical and Technical Purposes.

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Minerals, Clays, Chemicals, etc

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Clays, Manganese, Fluor Spar, Feldspar, Flint, Silex, Ground Glass, Selected and Bolted Pumice Stone Talc, Scotch Hone Stone, Ground Slate, White Sand, etc.

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COAL TAR AND AMMONIA PRODUCTS.

Carbolic Acid { Crystals. Liquid.

AMMONIA { Anhydrous, Aqua, Sulphate.

Creosote Naphtha, Benzole, &c.

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REPRESENTING

WING & EVANS of New York

FOR THE SALE OF

Pure Alkali 36, 48 & 58 Per Cent.

Sal Soda, Caustic Soda 60, 70 & 74 Per cent.

Manufactured by

BRUNNER, MOND & CO. England.

SOLVAY PROCESS CO Syracuse, N. Y.

THE UNITED ALKALI CO., Limited

CAUSTIC SODA

60%, 70%, 74%, 76% & 77%

For spot delivery and or for prompt or forward shipments to New York, Boston Philadelphia, Baltimore, New Orleans, or on through freight to inland cities.

JAMES LEE & CO., 72 & 74 Pine Street, NEW YORK.

EDWARD HILL'S SON & CO., 25 Cedar Street, NEW YORK

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MASON, CHAPIN & CO.

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PROVIDENCE NEW YORK BOSTON

request is not of greatly increased proportions, there is a decidedly better feeling evident, with something being done in the way of moderate sized contracts. The jobbing trade is quiet. The price quoted is 1⅝@1 70c.

Caustic Soda.—Supplies are small on spot, arrivals being still meager on account of the continuance of the strikes in England, which do not appear to be so near settlement as was reported. Some contracts for next year have been accomplished at figures below those of a year ago. Stocks in first hands are extremely limited, and supplies for future delivery are in no more satisfactory condition. 74%, 2 85@2 90c.

Chlorate of Potash.—The demand is slow, with the market generally easier Crystals, 15⅝c: powdered, 15⅞c.

Copperas.—There is nothing doing except in a very moderate jobbing way, at 80@90c.

Nitrate of Soda.—The demand has shown improvement during the past ten days, and prices are firmly maintained. Spot, 1⅞@1 90c; for future delivery, 1 80@1 85c; for shipment, 1 85c; jobbing lots, 2⅛@2¼c.

Sal Soda.—There is a better feeling, with a better demand for English, with some sales reported in the way of medium-sized lots. The present quotation for spot is 1@1 05c.

Philadelphia Chemical Market

Carbonated Soda Ash, Liverpool 48%.—Shows an improvement over last report. More inquiries are received and stocks are becoming smaller. Figures, however, remain unchanged; spot goods being held at 1¼@1 3oc is being asked.

Alkali 48 %.—Has arrived freely but all gone into immediate consumption on contracts. Spot goods are held at 1 30@1 40c, and to arrive 1 20@1 25c is named. Shipments are obtainable at 1 17½@1 25c. 58 % is in better supply and a fair demand noted Spot goods can be had at 1 25@1 35c, and to arrive and for shipments 1 10@1 15c will buy.

Caustic Soda, 60%.—From store can be had at 3@310c, and to arrive, 2 85@2 95c will buy, and shipments are possibly to be had at a shade under. 74% for immediate delivery is obtainable at 2 90@3c, and shipments at 2 77½@2 85c.

Sal Soda.—On spot is quoted at 1 05@1 15c. To arrive, 1@1 05c will buy, and shipments are held at 97½@1 02½c.

Bleaching Powder—Is quoted at 2 25@2 50c from store, and to arrive same figures are named. For shipments no change to report in quotations.

Nitrate of Soda—On spot is quiet and held at 1 90@2c. Future deliveries are quoted at 1 90@1 95c. These figures also apply to shipments.

Recent Patents.

507,473. Cleaning Compound. Filed April. 7, 1893. Issued Oct. 24, 1893.

Claim.—1. An improved cleaning compound consisting of flour, sal soda, olive oil, blue vitriol, venetian red, and water, all mixed in the proportions specified.

2. An improved cleaning compound consisting of flour, sal soda, olive oil, blue vitriol, venetian red, and water, mixed in the manner and proportions specified, and then cooked dry, substantially as described.

Geography and Topography of Florida Phosphate Belt.

Three years ago the United States Senate requested the commissioner of lobor to examine and report the extent of the phosphate industry in the United States, the number of laborers employed and the opportunities for the employment of labor in the future development of the phosphate deposits. The results of this investigation, conbucted under the direction of Hon. Carroll D. Wright, csmmissioner of labor, are embodied in a report which has just been published. Several months ago we gave a brief summary of the more essential points embraced in this report, and the publication of the complete report now enables us to discuss it more fully. When this investigation was authorized the phosphate industry of Florida was in the chaotic condition incident to its early days, and, of course, any figures obtained under such conditions could hardly be regarded as having any value. On this account the investigation has been delayed, and the figures obtained cover the period 1890 92.

The descriptive matter of this report is made up very largely of reports and articles of various writers which have already been published in various forms. The writings of Dr. Wyatt, Dr. N. A. Pratt, Professor Holmes, Professor Cox, Dr. Jay Shrader, Major Willis and others are drawn upon very freely, but the bringing together of a large amount of scattered material in this manner gives the report a value that is not gauged by its originality. Capt. J. F. Tucker, who gathered most of the material, gives some clear statements of the general feature of the deposits and the mining industry. The report is well put together. and is of much value for purposes of reference. The special statistics relating to cost of production are, perhaps, least valuable, because of rapidly changing condition which destroy their value. In fact, we doubt if figures gathered on the same basis at the present time would give a showing of any similarity, and a year hence results would doubtless be different again. The wide variations in the character of the deposits and in the extent and methods of operations render any general conclusions about costs of mining practically valuless and impractical. Leaving this point for the moment, however, there is much interesting information in the report that is worthy of reproduction here.

The geography and topography of the Florida phosphate belt are treated as follows:

The phosphate belt of Florida, as applied to the workable deposits having an economic and commercial value, commences at the head of the Wacissa river, in Jefferson county, about four miles south and eighteen miles east of Talahassee; thence it extends southeast to the Auchilla river, near a point where the three counties of Jefferson, Madison and Taylor join, where deposits of considerable extent and fine quality are found; thence through Taylor county, with a trace of straggling deposit here and there, by a southeast course to the Steinhatchee river in Lafayette county, where large and valuable deposits have been located. Directly north of the Steinhatchee phosphate region, and chiefly on the east bank of the Suwannee river, and around the little village of Luraville, large bodies of high grade composite phosphate rock have been located. Thence the belt extends southeast again for a distance of about twenty-five miles, with very little evidence of phosphate on the way, and Ichetucknee Springs, in Columbia county, is reached, around which are some rich deposits. Leaving the springs and traveling south, indications are seen here and there. Passing near the town of Fort White and the rich deposits in its immediate vicinity, crossing the Santa Fe river and traversing this hard rock territory for a distance of twenty-four miles, High Springs, in Alachua county, is reached; thence due south are deposits scattered all about for about twenty-four miles to the Albion region of Levy county, to the westward of the tracts just described. Straggling along at a distance of about twenty miles in the western part of Alachua and Levy counties, from north to south, is the Trenton region, where fine composite phosphate lands, rich and easily worked, have been located.

Returning to Albion and traveling south and east through Levy county fifteen miles to Stafford's Pond, thence through Marion county, taking in on the way a number of rich mines in the Farly Bird region, we reach the Dunnellon mines, where the discovery of hard rock phosphate was originally made, where the first mine was opened and where is now the largest hard rock company in the state. Crossing the Withlacoochee river the belt extends a little east of south through the rich and favored mineral counties of Citrus and Hernando, broadening out and reaching so far to the east as to take in the western border of Sumter county, again veering to the west; thence to a point four miles south of Dade City, in Pasco county, where the southern limit of the hard rock belt is reached. Its total length from Ichetucknee Springs to the point named, is about 160 miles, through a broken but continuous chain of phosphate deposits, its general trend being north-northwest to south-southeast, with an average width of twelve to fifteen miles, in several places widening out so as to embrace, in a fragmentary way, as much as twenty miles.

To the east and parallel with the hard rock belt, and lying almost wholly within Marion county, is what is known as the plate rock region, of which Anthony, Welshton, Belleview and Summerfield are the present active centers. The plate rock region extends from Orange Lake on the north to the southwest corner of Lake Weir on the south, a distance of thirty miles or more, with an average width of two or three miles. The thriving city of Ocala falls between the hard rock and plate rock belts, making it the phosphate center for a large extent of country. The territory from Ichetucknee to Dade City is described as the phosphate belt proper, because it is more compact and better defined, but including the Luraville, Steinhatchee, Auchilla and Wacissa rivers and deposits adjacent thereto, hard rock may be found for a distance of more than 200 miles, in its course traversing the counties of Jefferson, Madison, Taylor, Lafayette, Suwannee, Columbia, Alachua, Levy, Marion, Citrus, Hernando, Sumter and Pasco.

(To be continued.)

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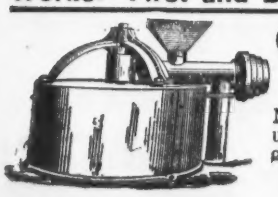
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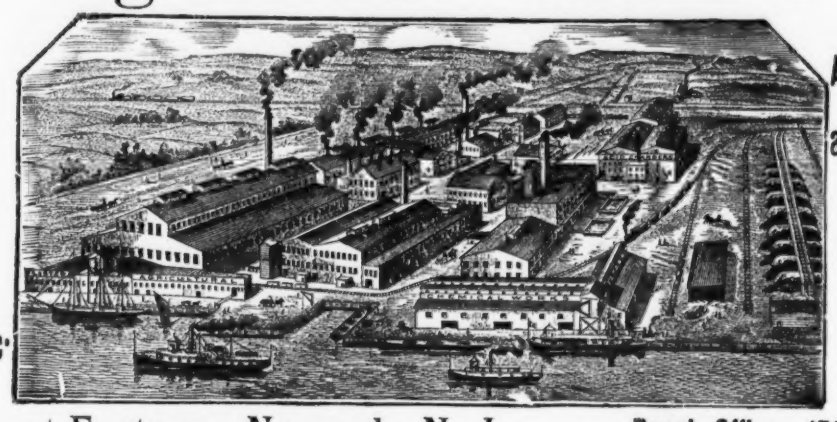

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Complete prices current will be found on page 48

SATURDAY EVENING, Nov. 11, 1893.

Trade continues quiet in this department with few material changes in the several branches enumerated under this heading. The movement continues to be represented by parcels for current requirements, buyers regulating their purchases as current wants dictated, and as these necessities were few in number and small in detail, the aggregate volume for the week was of meagre proportions. Values, as a rule, are maintained on the basis of former quotations, although in one or two instances fluctuations occurred.

Albumen.—The market for this article rules very quiet and values continues to be on the same basis as those last reported. There has been no manifestation on the part of buyers, as yet, to purchase ahead of actual wants, and while the volume has been composed of the usual packages for immediate uses, the week's result as compared with corresponding periods of former years shows curtailment. Egg is held at 63@65c, blood selling at 15@18c, as to quantity and quality.

Alizarine.—No change has occurred in this market either as regards demand, inquiry or price. Trading is represented by small consuming parcels, sellers asking full prices for their holdings and buyers apparently willing to accede to these demands rather than anticipate their requirements. Values are quoted as ranging from 17@18c. as to quantity.

Anilines.—These articles are in fair request at unchanged values, but there is still a disinclination on the part of consumers to buy largely ahead of actual wants, as the future outlook is regarded as very gloomy. Oils command 14@14½c, as to quantity, with salts selling at 13@13½c, though in quantity lots these prices could undoubtedly be shaded. The colors are momentarily quiet with values maintained on the old basis of prices.

Bichromate of Potash.—The policy of adhering closely to consumptive requirements is strictly followed with the result of rendering the volume of business small and causing the market to assume an appearance of quietude. Values, however, are generally maintained, although in some instances concessions have been allowed on firm offers.

Cutch.—There is momentarily but little business under consideration, and while values are not generally lower, yet in some cases concessions have been granted. Supplies from wharf can be had at 4¼c, with store goods selling at 4½c, as to quantity. The stock ex Siren has been placed in store awaiting the final determination of importers as to what disposition shall be made of it.

Divi Divi.—Important action is yet in abeyance, trading being regulated entirely by the requirements of consumption. The dyers who consume this article are not operating largely, owing to many of the channels of consumption being closed to their products. The volume representing the week's trading, due to this hand-to mouth consumption, is therefore of small proportions. We quote values as varying from $50@65, as to quantity and quality.

Dyewood.—Dealers manifest no desire to force the sale of their holdings and with buyers showing indifference, the market may be said to occupy a very quiet position. In the absence of demand values are nominal, although openly quotations are given as ranging from $32@36, as to quantity.

Gambier.—Trading in this article has been more liberally indulged in during the past week, but even with this better demand there is still absent from the market anything that suggests activity. Wharf stocks are offered from 3⅞@4c as to quantity, the inside price being allowed, only where quantity lots were under consideration. From store up to 4¼c is obtained for certain quantities. To arrive 3⅞c is generally named, while forward shipment commands 4c for desirable parcels.

Indigo.—The market for this article is very strong, its statistical position imparting strength even though the demand is quiet, and dealers display no inclination to either press the market or to suffer prices to fall lower than those now ruling. Sales during the past week aggegrate little volume, the distribution of supplies having been confined to the narrow limits of actual consumption.

Madder.—Under a light inquiry the demand does not exceed jobbing proportions, for which holders of Dutch are realizing 10@15c, while supplies of French go into consumption on the range of 9@9½c, as to quantity.

Nutgalls.—The situation remains practically unchanged. No sales of consequence have transpired during the past week. The small supply on spot and the difficulties of obtaining additions, lending strength to the situation, and dealers experience no difficulty in upholding the range of 13½@14½c, as to quality and quantity.

Prussiate of Potash.—There has been a decline in the prices of imported prussiate of potash and the revised values are now 20c for German and 21c for Scotch manufactures. The cause for the decline is generally attributed to the cutting of prices by consumers who having contracted too heavily were obliged to sacrifice their holdings being in need of cash. This pernicious practice was affecting the selling agents and they were forced to meet these cuts in order to maintain the trade that was being to an extent diverted from them.

Sumac.—The market presents features of quietness. Dealers are not pressing the market and consumers are sufficiently well stocked for the time, and are not appearing in the character of purchasers. There was a small arrival of Sicily during the past week. Values for this brand range from $70@75, as to quantity. Virginia is in light request at the unchanged price of $43@47 50, as to quantity.

Boston Dye Market.

(Special to the REPORTER.)

Cutch.—The latest development in the market is the extremely poor quality of the cutch recently arrived, some 8,000 packages have been rejected by buyers on account of its poor quality. As regards prices, there is no change, with S. M. quoted at 4½@4¾c for ex store.

Gambier.—The market is decidedly stronger. There is none for sale now on dock. The lowest quotation from store is 4c, with 4½c asked for small parcels. The fact that there is now only one vessel afloat from Singapore to this country has started speculation somewhat, and prices have advanced about 3-16c, with a strong feeling pervading the market. The statistical position as regards Boston is as follows: In store Nov. 1, 4,000 bales. No vessel afloat for Boston, and will not be before January. Cubes continue quiet at 6¼c for No. 1, and 5¾c for No. 2.

Indigo.—Supplies on this market continue very small, and are being steadily reduced. The export of supplies to foreign markets first reduced the stocks to a narrow limit, and they were never known to be so small on this market as at the present time. Prices rule firm and strong as follows: Bengals, fine, $1 50@1 60; medium, $1 30@1 40; fair medium, $1 20@1 30; Madras, 55c; Kurpah, fine, $1 20@1 25; ordinary, low grade, $1 10@1 15; Gautemala, ordinary, $1@1 10: do choice, $1 10@1 15.

Nutgalls.—This article bears a very steady tone with the prospect not against an advance if the demand should continue fairly good. Aleppo is quoted at 14@14½c, green 12½@13c, white 9@10c.

Sumac.—The market is quiet and firm with no material changes as yet in price. None has arrived at this port this season, and spot stocks are about exhausted, even with the limited demand for consumption which has prevailed for the past ten months. The Francesco is due here from Hull, Eng., with 650 bags, which will satisfy the pressing wants of buyers. Spot is quoted at $72, $75 and $77, as to quality and brands; forward arrivals, $69, $74 and $75. Virginia continues to rule quiet at $43@45.

Woods.—The position of logwood continues a very steady one, with prices firm and stocks as scarce as ever. From the north side of Hayti is quoted at $40@42, from the south side $35. Laguna $50, Jamaica $35. Fustic is quiet, but maintains its strong position by reason of its scarcity, and is quoted at $28@39 for Tampico.

The Future of Nitrate in Chili.

The position which the Chilian Government has assumed of late in connection with the sodium nitrate industry has been attracting considerable attention, and in view of subsequent developments it will not prove

altogether uninteresting to focus the situation.

The price which nitrate commanded about a dozen years ago was very much in advance of its value to day, and the prospects of the industry were of a roseate hue. In consequence, numerous companies sprang into existence, all of which were to bring big dividends to the shareholders. In a short time, however, the output increased largely and prices declined very markedly, with results which were only too frequently indicated in the reports presented by a good many of the minor companies. So serious did the matter become that eventually a combination was formed to restrict the output within such limits as would enable a remunerative price to be obtained for nitrate. Just when the benefit of this combination was beginning to make itself felt upon those companies which had suffered most, the disturbing influence of the civil war in Chili began to obtrude itself. These times, however, in due course passed away and were weathered, while nitrate companies began to show satisfactory dividends.

Now that things have, so to speak, shaped well, and the nitrate industry looks for halcyon times, a new possible source of trouble has presented itself. The Chilian government does not like to see the nitrate railways and the nitrate industry doing so well, and so suddenly assumes the role of the philanthrophist, and sees in the apparent monopoly a danger not only to itself but to all European agriculturalists. Minister Senor Rose has discovered that the railways and the nitrate industry have conflicting interests, and electing to defend the interests of the latter, considers it desirable to negative the concessions granted to the Nitrate Railways Company, and ratified by the Government of Peru. The moral obligations of the Chillians to perpetuate the concessions made by the Peruvian Government cannot be dealt with here. Nor do we purpose entering into the rights of the Chilians to protect themselves; though, to judge from the way the growth and conduct of the nitrate industry is referred to, people would think the Chilian Government was having an industry, and the resources of the country, wrested from it, after having by unaided effort nurtured and developed them, instead of vice versa.

Undoubtedly the fact of the rail ways being able to charge high freights is opposed to the interests of the nitrate producers, but Senor Rose states that it is also distinctly against the interests of the public, because in consequence artificially high prices are demanded for nitrate.

The success of the Nitrate Combine in checking the output has so reduced stocks as to afford an excellent opportunity for squeezing consumers, but we are not aware that this line of action has been adopted to an unwarrantable extent. The fact of the combination being suspended after March next, is indicative rather of tolerance, as it will allow the production to be increased, when by keeping the same down prices could have been materially advanced. The members of the combination are, moreover, aware of other factors which avert the adoption of too high artificial prices for nitrate, and they wisely took cognizance of them.

It is very kind of the Chilian Government to suddenly interest itself in the welfare of the agricultural classes in Europe, and on this ground to desire not to increase the duty, but to allow production "to go on without any artificial restrictions whatever." There is no intention, it is stated, to force the production, and it is to be hoped that this is so, for the past with its uncontrolled production has not left a very pleasant impression on the minds of a good many in this country, whatever it may have done in other parts of Europe.

Though the duty on nitrate, which now brings the Government a revenue of over two million pounds sterling per annum, is not likely to be increased, it seems rather hard to propose to take it out of iodine, as in some cases it is to this article that companies owe their satisfactory position, the gains more than compensating for the losses on nitrate.

Such, then, is the position of affairs. The nitrate combine distinctly states that though the restrictions upon output are to be removed after March next, up till then they will be strictly carried out, while after that date even, the other objects of the combination will still be prosecuted. What the next step on either side will be remains to be seen, while what the outcome will be it is hard to say. Several possibilities present themselves, but so far they can scarcely be considered probabilities even, the situation in the meantime being novel and noteworthy.—*Chem. Trade Journal.*

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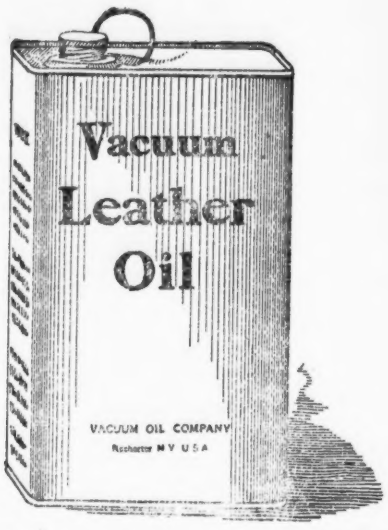

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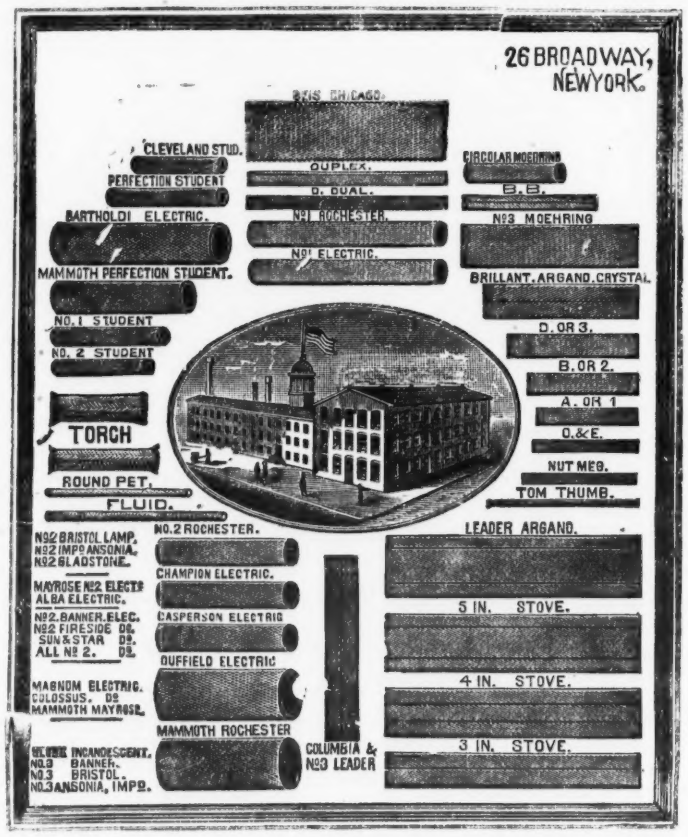

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Is your lamp filled frequently? Lamps should be filled *every day*, so that you may begin the work of the evening with a full fount.

3. THE BURNER.

Is the burner clean? The life of the flame is the air it sucks through the holes in the disk around the wick tube. If the flame is smoky, see whether these holes are clogged or gummed. If so, boil the entire burner for a few moments in sal-soda water.

4. TRIMMING

Does the wick need to be trimmed? If yes, do not scrape it off; this hurts the wick and fills the burner with soot. *Cut it evenly across the top* and *slightly on the corners.*

Trim the wick every day. Put in a new wick *once a month.* The expense of a new wick is trifling. Dry a new wick thoroughly before putting it in the lamp.

By following the above rules and using only the *American Wick*, you will get perfect light, as harmless to the eye as sun-light.

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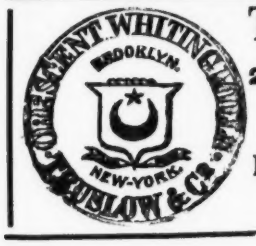

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